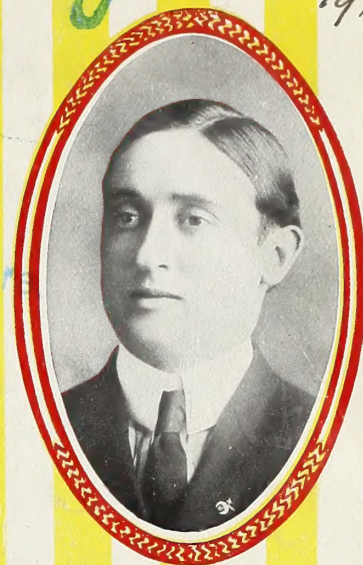
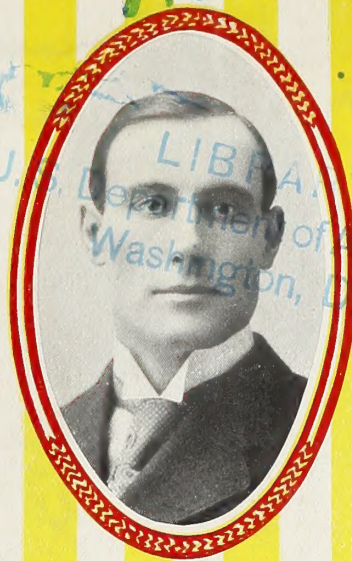
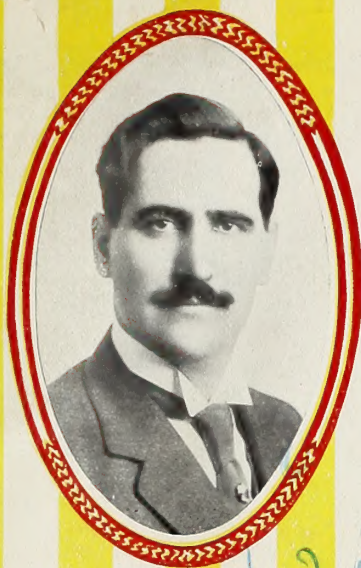


Historic, Archive Document

Do not assume content reflects current scientific knowledge, policies, or practices.



Will H. Tracy

1912

LIBRARY
U. S. Department of Agriculture
Washington, D. C.

6227

1912

6227

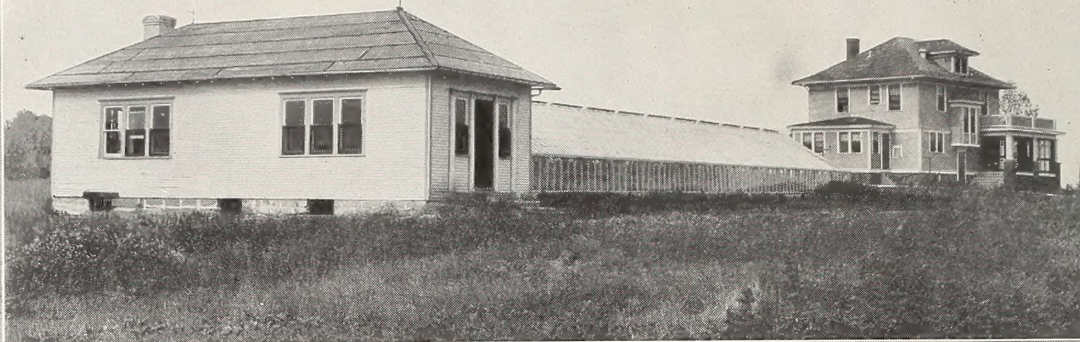
GALLOWAY BROS-BOWMAN CO

WATERLOO, IOWA



Pure Seed Specialists

Partial view of our propagating hot house in Waterloo



Partial view of our seed testing farm near Waterloo. There is no seed offered in this catalog that has not been tried and tested by us. It pays to get tested seeds.



Corner of our herbaceous border showing hardy phlox and Iris Germanica. Read what we say on another page about hardy perennials.



Another view of drive in our famous trial grounds on our trial farm near Waterloo. This is the kind of a test all our seeds get. They must pass muster. When you stop to consider that the least expense you have in connection with a garden or crop is the seed, why take chances by buying untested and unreliable seed?

The Story of History

READ THIS TWICE



The above are pictures of our Advisory Board. They are the foremost men of the country in their line—good agriculture. They are well and favorably known, and are all helping us in our fighting campaign for more and better oats,—pure, genuine and unadulterated farm, field and garden seeds.

This Will Interest You!

It's the very backbone of our entire catalog. It tells the story and the plain truth of how we got into the seed business, by William Galloway.

Why are we in the seed business, and how did it happen? There is of course a reason.

There is generally a reason for everything.

Six years ago while at the Iowa State Fair I noticed an exhibit by an English firm of Regenerated Swedish Select Oats or Pedigreed Stock as they called it.

It attracted my attention.

I hefted the oats in my hand, and they were different from any oats I had ever seen or examined before. They were well filled up, plump and heavy like wheat and weighed forty-six pounds to the bushel.

Upon close investigation I found that the people who were producing these oats were oats breeders of the highest type, gentlemen of honor, and that they had indeed a very meritorious article, and what looked to me like something that was greatly needed for this country. As every body knows the average oats are run out. Nobody has paid much attention to this line like they have corn, live stock and many other things.

After investigating the matter a little further I placed my order for ten bushels at \$2.00 a bushel. I had in mind using them on our big farm in Canada which my brother and I owned together.

However, in the fall when my brother came home for the winter I told him about these oats and we finally decided to try 250 bushels on our farm instead of ten.

We concluded that since Canada was the natural home of the oat and that in the Canadian soil and climate oats reached their highest point of development it would be the proper place to produce the hardiest kind of oats for seed in this country.

We paid \$500 in cash for the 250 bushels. We knew what would do well in England would do well or better in Canada, and we believed that oats grown in Canada where they had to resist all kinds of cold weather, frost, etc., would be a great thing for this country as they would

be hardy, fresh and full of life, which would enable the farmers of this country to put them in early and they would have the vitality to stand the early frosts.

Our belief was right, and for four years these oats produced on our farm have made wonderful records in this country, enabling farmers to put their seed in early in the United States without fear of injury with frost. Some customers have written us that they have put these oats in and seen them frozen clear down to the ground and then seemingly come up stronger than ever.

But to get back to this story:

We put in the 250 bushels of oats the following spring on very carefully prepared ground (new, clean land). Put it in carefully with a drill and at harvest time had wonderful results. The oats ran as high as 116 bushels to the acre and weighed from 46 to 48 lbs. to the bushel.

Every bushel of oats that we could spare after keeping enough out for our own seed, we sold, and did not have near enough to go around.

The following year we put in more oats with the same results, and had such a demand for this wonderful seed that we had to refund thousands of dollars on orders that we could not possibly fill. It seems that the people had not seen such pure and genuine seed before.

By this time we had received reports from our customers who originally bought this Imported Canadian Grown seed and was pleased to learn that in almost every climate and condition in this country the oats did remarkably well. Many of our customers reported that their yield was double from our seed and in many cases three times that of ordinary seed when put in the same time right side by side on same kind of ground.

By this time our wonderful success with this Canadian Grown seed attracted the attention of many agriculturists of wide experience and reputation, among whom was Prof. M. L. Bowman, former Professor of Farm Crops, Iowa Agricultural College, a seed oats specialist, and the man who inaugurated the Seed Oats Special Train that traveled all over the State preaching more and better oats.

Prof. Bowman came to me and said, "Galloway, you are doing a wonderful thing for the farmers of this country, and it is worthy of their commendation. It is just exactly what ought to be done, not only in seed oats but in other grains and seeds."

He said, "I have been figuring myself for some time on starting a pure seed business selling not only the very purest small grains, corn, alfalfa, clover and all of the grasses, but the very best garden seeds as well." He said, "Galloway, the man who will start in and make up his mind to sell only pure genuine and unadulterated seeds can do a tremendous business in this country. He will not only do a great deal of good but he will get the support of tens of thousands of farmers who will be willing to co-operate with him in every way possible."

To make a long story short Prof. Bowman and I made a deal. We organized the Galloway Bros. Bowman Co. with an authorized capital of \$300,000, took into our organization some of the very best known seed breeders and growers in the entire Center West, or in other words, laid the foundation of the right kind for the right kind of a business.

The first year of our incorporation we sold over 30,000 bushels of the Genuine Regenerated Swedish Select oats; and again received in spite of bad crop conditions, hundreds of letters telling us of the wonderful success our customers had in almost every state in the Union growing these new, fresh, hardy, Canadian grown seed oats. Last year we sold over 40,000 bushels, and had to return thousands of dollars on orders we could not fill.

So great has been the demand for our Genuine Regenerated Swedish Select Oats and so good the reports from our customers that we have had many requests for similar quality seeds in other grains, alfalfa, clover, grasses and vegetables as well, and the result is we have put in a full line of these seeds, which you will find in the following pages.

But in deciding to do this there is one thing we want you to bear in mind and remember—that there are no seeds listed in Galloway Bros. Bowman Co. catalog unless they are pure, genuine (true to name) and unadulterated.

We have made a vow together to this effect and we propose to stay by it.

Good seed is just the same as good live stock. Like begets like. If you sow poor seed you can't expect anything better. If you sow good seed you can expect a crop like the seed sown.

We believe the average farmer appreciates the opportunity to get genuine, pure seed. We believe the seed we offer you here is cheap when compared with poor seed if you got poor seed for nothing and was paid for buying it besides, when you stop to figure the net results at harvest time.

When we started in on the other small grains, grasses and vegetables we made up our minds that we positively never would start at all until we had the right line up.

We spent considerable time in our search for the right man to assist us in this department. We wanted a man who was conscientious and a man who knew the business from A to Z, and finally associated with us Mr. Hall, who has been in the vegetable truck garden and flower seed business practically all of his life in England, where they do these things up right in the seed line. Mr. Hall has also studied conditions in this country and knows very well the short-comings of some seed men.

We will admit that we were somewhat surprised when we were advised by Mr. Hall of the way some seed concerns did business, and when he disclosed to us some of their secrets which we do not hesitate to state here, as we want you to know the truth, which we can back up with absolute proof.

Some concerns offer many different kinds of seeds which come out of only a few bins. Some concerns put in what is called "filler" which is practically dead seed, and mix it in with live seed, and while the larger per cent of it may germinate and grow, yet a certain per cent of it is dead and will not grow, and in the long run you have paid a higher price for it than you would pay for good seed in the first place.

We will not adulterate our seed, and while it is impossible perhaps to have seed 100% perfect, where every single seed grows, yet it is possible to get it very near to this 100% perfect mark, and this is what we propose to do.

Mr. Hall tests every kind of seed for germination and it must pass a certain per cent of perfection before it is allowed to be sent out by us.

We also want to tell you the truth about the growing of seeds. Some seed concerns make great claims about growing their own seeds.

Now this is an absolute impossibility. No concern in America selling seeds today grows all of its own seed, because some climates are not adapted to certain kinds of seeds.

For example: the choicest beets, mangels, parsnips and other roots are all grown in Great Britain and France. Our seed in this line is imported from these places. Our cauliflower, broccoli, and cabbage are imported from Holland and Denmark and many of our flower seeds from Germany. We would not be giving you a square deal if we would tell you we grew these things, because it cannot be successfully done on the same scale in U. S.

We do, however, breed and grow our own seed oats under the direct supervision of J. W. Galloway and Prof. Bowman, have our own test grounds, and absolutely know the quality and merit of every class of seed before we will put it in our catalog, because our experience has taught us that a pleased customer is our best advertisement, and we wish to here thank our old customers for their most generous and responsive trade.

It is something wonderful—the demand for the right kind of seeds, good seed that you can absolutely bank on is scarce, especially this year, owing to the fact that the last two years have been very hard years in the seed business because of bad crops caused by climatic conditions, owing to excessive rains.

For that reason a great amount of bad and improperly ripened seed is likely to be offered to the public as good and reliable. Beware of this stuff. The disastrous harvest of last fall and the extreme shortage of good seed will tempt many unscrupulous merchants to offer cheap and inferior seed as good seed. The amount of pure, genuine and unadulterated seed in the hands of reliable seed merchants is very limited and in many cases almost prohibitive prices have to be paid in order to secure the seed.

Therefore, beware of the cheap seed vendor. You cannot possibly buy pure seed unless you paid a reasonable price for it.

Letters reach us daily from our growers in England, France, Germany, Denmark, Holland, all over the United States and Canada, and it is the same story, good seed is very scarce.

Remember we are specialists in our line. As we said before, we don't sell everything, but what we do sell you can bank on. We don't call it one thing and give you another thing. If we cannot fill your order with exactly what we advertise, we won't fill it at all, but will refund your money.

Wm Galloway



Thos. Dunn, Notary Public

Prof. M. L. Bowman

J. W. Galloway

Wm. Galloway

Read Our Vow

Why the Galloway Bros.-Bowman Co. seeds are pure, genuine and unadulterated.

When we associated ourselves together as a company to sell in addition to our famous Imported Canadian seed oats, other seeds—what was foremost in our minds was pure seed. We made up our minds we would not organize a company at all and go into this business unless we handled strictly nothing but the very best.

We also decided we would not offer cheap stuff at all, that we would rather let the other fellow sell cheap seed.

Therefore, in order to show our friends and customers our sincerity along this line we went before a Notary Public and made a vow as pictured above and signed this vow before the Notary Public, that under no circumstances would we fill any order for seed unless we could give our customers absolutely the best regardless of what it cost us, that there would be no second grade or third grade quality of seed whatever offered in our book. You can depend on this. The inspectors of these seeds are under the direct supervision of Professor M. L. Bowman, J. W. Galloway and Mr. Hall. No seed is put into any packet or shipped out until it is first tested for germination and it must show a high per cent, or we will discard it.

If you are looking for cheap, low priced seeds, don't expect

to get them from us, although we claim and positively believe that our seeds at the prices quoted in this catalog, which are very reasonable, are much cheaper than low grade seeds, if you got them for nothing and was paid cash money besides, because after all it is net results at harvest time that count and nothing else.

Take our oats for example: one bushel of Genuine Galloway Regenerated Swedish Select Oats with every seed fresh, hardy and sprouting will go farther and make a more vigorous growth for you than three or four bushels of some other kind that may be cheaper.

It's exactly the same way with our alfalfa, clover and grasses. We don't throw in a certain per cent of dead seed in order to absorb a certain amount of low grade seed. We won't do it. That's why we have made this vow.

It's the same way with our vegetable seeds. We don't offer, for example, six or seven of one variety of bean, beet, pea, carrot or turnip. We offer you only one in its class and that is strictly and only the best.

Remember it is just as easy to put in and harvest a big crop as a poor one and a lot more satisfactory.

Pure, genuine and unadulterated seed is in a way like certified or sanitary milk. It must pass certain restrictions and requirements, and is the cheapest in the end.

VOW BEFORE NOTARY PUBLIC.

We, William Galloway, J. W. Galloway, and M. L. Bowman, directors, officers, and managers of the Galloway Brothers-Bowman Company, do hereby agree and solemnly swear that we will not knowingly allow any seed to go out from our firm to any customer except that it be the very best of its kind.

PURE—(As near pure as it is possible to get it with the most modern cleaning machinery.)

GENUINE—(True to name, no substitutes) and

UNADULTERATED—(We will not mix in any per cent of dead seed, filler or low grade, but will only sell absolutely the best that is to be procured, or none at all).

\$15,000 GUARANTEE BOND.

And have this day deposited with the Waterloo Loan & Trust Co. of this city, a duly executed bond for \$15,000, to insure the return of money for any seed purchased from us, if after it arrives you examine it, test it, or have it inspected and tested by the State Seed Inspectors, State Botanist, or the United States Department of Agriculture, with the understanding that you and they are to be the judges, if their report or test is not satisfactory or if for any reason of your own, you want to return this seed to us, within fifteen days from date received, we will return your money promptly, pay transportation both ways, and do it cheerfully.

Signed, sealed and delivered in the presence of

THE GALLOWAY BROTHERS-BOWMAN COMPANY

W. Galloway
President
J. W. Galloway
Vice President
M. L. Bowman
Treasurer.

Notary Public in and for Black Hawk County, State of Iowa
My commission expires July 4, 1915

SEN. J. H. BOWEN, PRESIDENT
MR. J. H. BOWEN, SECRETARY

Waterloo Loan & Trust Co.
CAPITAL \$250,000.00
WATERLOO, IOWA

Jan. 15, 1912.

TO WHOM IT MAY CONCERN:—

This is to certify that the Galloway Bros.-Bowman Co., a corporation engaged in the growing, breeding, importing and selling of seeds, in Waterloo, Iowa, and Lajord, Saskatchewan, Canada, have deposited with us an approved bond in the sum of \$15,000 to insure the return of purchase money and guarantee set forth in its catalog to purchasers of seeds from said company.

The officers of this corporation are reliable, experienced business men with ample means and will do exactly what they agree to the letter. Yours very truly,

WRJ-C

W. R. Jameson

Thomas Dunn

Which Way Are You Going to Buy Your Seed?



No. 1. Here they are—the whole family—ordering Galloway Bros.-Bowman Co. seeds—picking out their entire supply of Farm, Field, Garden and Flower seeds, knowing that the seeds they get are Pure, Genuine and Unadulterated—fresh seeds that grow.

United States Department of Agriculture Sounds Warning

Who do you buy your seeds from?
Listen please!

Have you gotten into the easy habit of just walking down to the store where they keep the "seeds in boxes" to make a selection of what you will be wanting for spring planting?

Maybe you have thought that that was a real good way to get your seed—maybe you have thought that that was the most convenient way—maybe you have given the matter so little attention that you have not thought very much about it only you just got your seed and that was all.

Listen again please!!

You want the very best seed don't you?

You want seeds of the very highest germination quality don't you?

You want seed that you are confident will grow—fresh seeds true to the variety and the very best that can be had?

Well now listen some more!!!

Would you like to know what the very highest authority we have here in United States has to say with regard to purchasing of seeds out of these boxes or sending away and getting them from the mail order house itself—read this and mind you this is just exactly what United States Department of Agriculture says about it: "The Germination of mail order seeds tested by the Department of Agriculture in the last five years has been 77.5% and the germination of the box seeds has been 60.5%. The seeds purchased from different mail order houses were more nearly uniform in quality than the box seeds. The average germination of box seeds put up by one firm for four years was less than one-half that of those put up by another firm."

Doesn't that kind of make you sit up and think a little?

Is the best any too good for you?

If not, why don't you get it then?

Why don't you send to the Galloway Bros.-Bowman Co., and get the kind and quality that you are entitled to for your money?

Listen once more again!

Let us give you some more of what Uncle Sam says about buying seeds in packets or getting them directly from the mail order house—this is what he says:

"There is doubtless an economic reason for the higher average quality of the seeds sold by the mail order houses as compared with the seeds sent out by many of the houses selling box seeds.—Mail Order Houses are dependent for their trade on proportionately few new customers each year, their business being made largely on the satisfactory quality of their seeds which purchasers have used in the previous years."

Read that over again please!!

Now, then when you just stop to think it over it certainly is just the easiest kind of a matter to look over the Galloway Bros.-Bowman catalog and select out the seeds that you are needing—you ought to do that anyhow wherever you bought your seeds—you must make a selection of what you want and here in our full and complete catalog you can find them all—a complete list assuring you the very highest quality at the most reasonable figure that you could afford to buy at because we sell nothing but the best.

After you have your order made out it certainly is but a small matter for you to pin your check to it, put it in an envelope, stamp the envelope and turn over to Uncle Sam who will carry it to Waterloo where the order will be filled the day that it arrives and then you can assure yourself that you are getting absolutely pure, genuine, unadulterated seeds—fresh seeds that grow.

"Think of it, United States Department of Agriculture found 17% difference in the quality of the germination of seeds secured from mail order seed houses and those secured from the box seeds and don't forget that the mail order seeds were the best.

Do you want the best?

Of course you do.

Make yourself sure.

Send at once to the Galloway Bros.-Bowman Co., of Waterloo, Iowa—we have but one kind, one quality, one grade—the best.



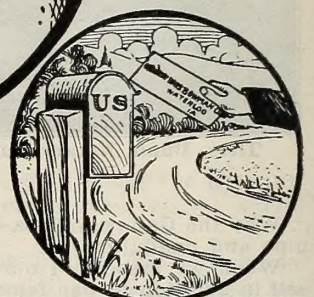
No. 5. You take chances when you buy at the retail store, as many of them carry a stale stock from year to year. See what the government says about packet store seeds, and the difference in germination between the retail store seed and seed direct from the mail order house.



No. 6. How could this man expect a good stand from seed of low germination—a large per cent of which are absolutely dead? Our seeds are all tested, are pure, genuine and unadulterated. Dead, low germination seeds are dear at any price.



No. 7. Disappointed; discouraged; disgusted. How could it be otherwise? Packet seed got out of a store or from a cheap, unreliable seed house that didn't grow like he expected. No matter how much work and labor he put in, which is money, no matter how expensive his land is, which is money, no matter how much sunshine or rain, which is money, he lost a big per cent of his crop, because his seed was cheap and poor, and yet the buying of seed was the smallest expense he had in connection with the whole crop.



No. 2. They made out the entire order and simply placed it in Uncle Sam's mail box, which safely and quickly delivers it to Waterloo where it is filled with pure, genuine and unadulterated seeds—the kind that always pay.



No. 3. This is the way our seed grows and germinates. It is tested before sent out. No matter how expensive your land, how well it is worked, how much sunshine and rain, without high germinating seeds you are the loser financially. Cheap, stale, low germination seed is very expensive if you get it for nothing.



No. 4. No wonder he is pleased. He bought pure seed from Galloway Bros. Bowman Co. that was vigorous, hardy and full of life. He has an abundant crop. He started it right with the right kind of seed. Read our vow on page 3.

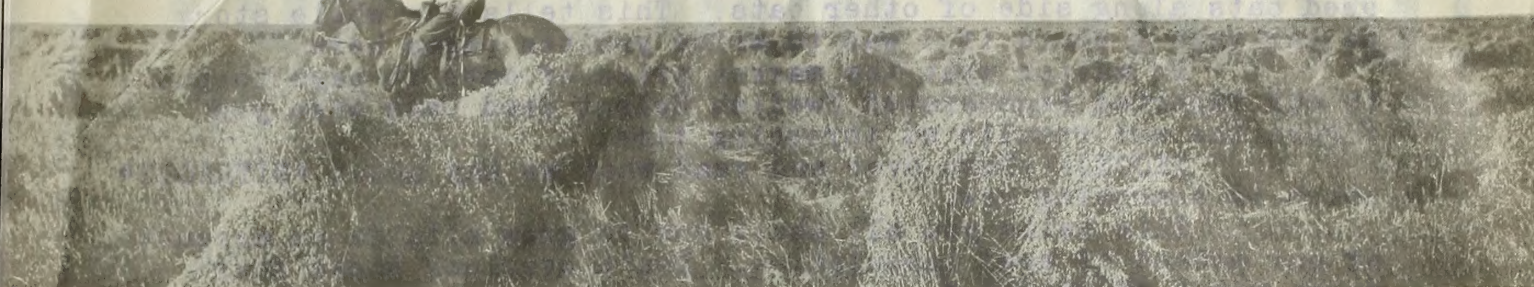
You can't afford to take a chance by buying poor, cheap seed which is the most important thing in putting in and harvesting a crop.

GALLOWAY BROS.-BOWMAN CO.

ONES OF THE MOST FERTILE LANDS OF
SASKATCHEWAN, CANADA, DEVOTED
EXCLUSIVELY TO BREEDING, GROW-
ING AND DEVELOPING PURE BRED
OATS AND OTHER CEREALS

AUTHORIZED CAPITAL \$300,000.00

CEREAL BREEDERS, IMPORTERS AND GROWERS



SCENE FROM ACTUAL PHOTOGRAPH TAKEN ON OUR FARM--1 MILE WIDE, 3 MILES LONG--NEW CLEAN LAND. THIS FIELD WENT 116 BUSHELLS TO THE ACRE, REGENERATED SWEDISH SELECT OATS.

FARM, FIELD, GARDEN &
FLOWER SEEDS
PURE, GENUINE, UNADULTERATED

Waterloo, Iowa, U.S.A.

January 1, 1913.

My dear Sir:

Good Morning!

Here it is:

Our New 1913 Seed Catalog-- Just off the press!

Read it over from cover to cover.

Its New, Different and Original.

Its chuck full of tremendous values in the seed line--
in high quality and right price.

It contains many valuable articles by specialists
in their line-- on Grains, Grasses, Alfalfa, Clover, Mangels,
Vegetables, Landscaping, Shrubberty, Fruit Trees, etc.

You can't afford not to study over this catalog care-
fully because it means money to you if you grow any of the
things that are listed within the covers of this book.

Did you ever stop to think of this---

No matter how valuable your land--- No matter how much
you weed, dig and hoe--- No matter how deep you plow, how much
harrowing and cultivating--- No matter how much the sun shines,--
No matter how much it rains, or how much you irrigate and water--
and all these things represent real money-- COLD CASH-- it is
all lost and wasted if in the first place you don't have the
right kind of seed, and good seed costs the least of any expense
you put into your crop or garden.

Good seed is the smallest initial expense and yet
counts for the most.

Good seed is just exactly the same as good live stock.
Our seed is Pure, Genuine and Unadulterated. Its the
highest germination seed that could be procured. We offer you
absolutely no second or third grades whatever. We have none.

Read our vow which explains this point.

Now there are six things in this catalog to which I
wish to call your special attention.



W. M. GALLOWAY,
Pres.



J. W. GALLOWAY,
Vice Pres.



PROF. M. L. BOWMAN,
Treas. & Gen. Mgr.

A FIGHTING CAMPAIGN FOR MORE AND BETTER OATS, CLOVERS, GRASSES FARM AND VEGETABLE SEED

...what other people have done who have planted our seed oats along side of other oats. This tells the whole story better than I could if I was to write you ten pages here.

No matter what the market price of oats it pays to put in our Imported Regenerated Swedish Select Seed Oats when you figure the net results at threshing time.

SECOND---Turn over and read what we say about "NITRAGIN" which is something new.

This tells you all about how to grow alfalfa on account of our method of seed inoculation. Don't overlook these four pages about "NITRAGIN."

Its dollars right down in your pocket. Read this twice.

THIRD---Notice very carefully what we have to say about MANGELS-- the great root crop, which is opening the eyes of every man who has stock on his place.

Just think of growing FIFTY TONS of Mangels to the acre, which you can do if you get the right kind of seed!

FOURTH---Notice our Alfalfa, Clover and other leguminous seeds. We specialize on these lines. We offer absolutely no second or third grades.

FIFTH---Notice the positively select lines of vegetable and flower seeds we offer. We don't offer you a hundred different kinds and four or five grades, but only a few selected kinds and one Quality-- absolutely and positively the best.

SIXTH---Then notice what we say about Landscaping your grounds and the special offer we make on Fruit Trees.

Now this catalog is sent to you believing that you appreciate a good thing, believing that you are in sympathy with our movement and campaign for Pure, Genuine and Unadulterated seeds, and believing that you will send us at least one trial order.

The production of this catalog has cost us a large sum of money. We can't send them to everyone, but we sent you one believing that you would be interested enough to at least give us a trial order and cash in the Introduction Coupon Check on page 27.

We are SINCERE in our work of Improving the Quality and Quantity of the crops of this country. You can help us by joining our campaign and sending us at least one order. No matter if you have already ordered from somebody else, or no matter if you have been in the habit of ordering from somebody else, all we ask of you is to try our seed ONCE, and you will then be our customers in the future.

Don't wait until the last minute to order, but get your order in now, which will enable us to give you quick service, as there is a tremendous demand for the kind of seed we are putting out, and we can only supply a limited quantity.

We advise you to get your order in at the earliest possible moment.

Yours very truly,
GALLOWAY BROS.-BOWMAN CO.

WG-MK WM. GALLOWAY, Pres.

NOTICE!. If you should receive a duplicate catalog hand it to one of your neighbors who will appreciate the kind of seed and the kind of quality we are fighting for.

ere
he l
pyc
ret
art

Que

T

ere
lue
hin
ere
he
esp

St
ou
bot
VM
R
ele

Qu

T

ee
ha
w
ow
er
out

1
us
re
FO

a

T

ev
the
pa
m

pr
sh
cc
on
76

C

T

tl
se
h
I
a

t
s
a

I

STOP! LOOK! READ!

Here Are the Questions You Want Answered About Calloway Bros. - Bowman Co's. Famous Genuine Regenerated Swedish Select Oats -- Read what other people have done under conditions similar to yours. That's the answer. It always pays to put in good seed no matter what it costs if you can get more real money back in the way of increased yield than you otherwise could get without that particular kind of seed. Try 10 or 20 bushels of these famous seed oats. It pays.

Question? Will it pay me on my farm to put in some of this famous seed?

THE ANSWER! Monticello, Mo., 9-9-1912. I got 76 bu. to the acre, sowed the 15 bu. on 7 acres. Showed a peck at the Shelbura Fair and won the blue against 7 other counties. Mine were just from the machine while theirs were double cleaned and clipped. They were the sensation of the whole show. Will send a peck to the Missouri State Fair at Sedalia that has been cleaned. Respectfully, J. H. HANLY.

Stockton, Iowa, 8-21-1912. I think your oats I got of you last spring were fine and turned out fine. It turned out about 80 bu. per acre and is very heavy. Am well satisfied. W. M. BRODUS, R. No. 1.

Roanoke, Illinois, Nov. 1, 1912. The regenerated Swedish select oats, I got from you last Spring, was good. I got 95

bushels from the acre. I am well pleased with it. MR. HARM HEINRICH, R. No. 3.

Oakes, No. Dak., 9-2-1912. My Swedish select oats went 85 bu. at machine measure; weight, 48 lbs. to the bu. measure making a total of 125 bu. per acre at 32 lbs. to bu. This is the greatest yield that North Dakota ever has known. Yours very truly, H. CHRISTOFFERSON, R. No. 2.

Birmingham, Iowa, 9-13-1912. 10 bu. sown on 2½ acres. Yield, 154 bu. Neighbors laughed at first but not now since threshing. Mighty well pleased. Season was too dry or would have yielded more. JOHN JOHNSON.

Dassel, Minn., Oct. 11, 1912. I will now take the opportunity and let you know the yield I got from the seed oats secured from you. They yielded 105 bushel to the acre. Am highly pleased. Very truly yours, J. E. ANDERS, R. No. 5.

Question? Does it increase the yield?

THE ANSWER! East St. Johnsbury, Vt., Aug. 27, 1912. I am much pleased with the seed oats that I bought last spring. They came up quicker than the other oats, grew rapidly, stood up well and ripened a week or ten days earlier than the common oats which were sowed at the same time. Am sure that they will yield better than any oats I have raised before. I can recommend our oats to anyone. Yours respectfully, E. H. CHASE.

Mt. Morris, Pa. No date. The oats we got from you were just fine. They took first prize at the Mt. Morris Fair last year and they were very fine this year. G. T. HERRINGTON, R. No. 2.

Russellville, Ind., 9-2-1912. They are the best oats that

were ever grown in this country, yield 84 bushels to the acre. Yours truly, MANFORD CARRINGTON, R. No. 2.

Minot, N. Dak., 8-26-1912. The oats made nice growth and stands about 4½ feet high with plump kernels and I guess I will have good sale for it soon as I get it threshed. I took one bundle of it to the city and the farmers was surprised about its length and plumpness. I guess it will yield about 20 bu. to the acre more than other oats sown around here, so I think it was a good investment. Yours truly, VAC BARTA, R. No. 1.

Battle Lake, Minn., June 1, 1911. The oats are certainly fine. Have sown them right beside the best native oat I could find here and they are three inches taller right now and were sown on the same day. They beat anything I have seen in the county. Crops here are all looking fine and prospects are good for a good crop. M. O. WEBBER, Lake View Farm.

Question? Does it grow and stand up better than other oats?

THE ANSWER! Gladwin, Mich., Aug. 23, 1912. The seed oats received. Were the best I ever sowed in my twenty years of farming. The straw stood the hale surprisingly in comparison with my other fields of oats. As to germination, do not think there was a seed missed. Yours respectively,

DAVID H. CHESSE, R. No. 3.

East Holden, Maine, 8-24-1912. I have only the greatest praise to give for your seed. I planted acres and they stood shoulder high and are headed out very well in spite of the cold, wet spring. Water stood on the field in places a day or two at a time. I have had estimates ranging from 50 to 100 bu. to the acre. There are no other such oats in this com-

munity. My experience with your seed has caused quite a deal of interest. Yours truly, G. T. HOLBROOK.

Chippewa Lake, Mich., 8-24-1912. I just finished cutting the oats. They are the best piece of oats in this part of Mecosta County. They were sown along the road and every one that saw them remarked that they were the best they had seen. They all stood up fine. Most of the oats through this part of the county were down bad. Am well pleased with the result. Yours very truly, C. S. COOKINGHAM.

Ellisville, Ill., 8-30-1912. They produced strong plants which grew from four to five feet high with a stiff straw which I think will be good for rich land. I received a yield of 75 bushels per acre from same. Yours truly, WILBUR DICKSON.

Question? Does it pay better than ordinary cheap seed?

THE ANSWER! Fairfield, Iowa, 8-22-1912. The oat crop, we received the seed oats in that extremely wet weather on the 1st of May. We got them sowed on May 4, in the mud and then it turned off dry which hurt them badly, but after the rains came they came out and I was much surprised at the outcome. We will get almost a hundred bushel. Respectfully, H. S. BROWN, R. No. 2.

McDonald, Kans., R. No. 2, May 15, 1912. I have received the oats all right. Now, gentlemen, I have handled oats since 8 years of age, am now 63 and I must say that they are the heaviest oats I ever handled. W. M. SHAVER.

Clinton, N. Y., Aug. 19, 1912. Galloway, you are right! Last spring I bought some seed oats of you. Have just

threshed them and have a yield of about 80 bu. per acre, while other oats in this section range from 5 to 30 bushels.

There was only two very light showers from May 30 to July 15, the driest growing season we have had in years.

The man that threshed them said, "They are the best I ever saw. I want 10 bu. for seed." I want to thank you for your advice and if I had bought 40 bu. I would have had three times as much grain as I now have. A. J. BASHER.

Newburg, Iowa, 8-16-1912. I have just finished threshing 14 acres of your Swedish Regenerated Oats, which made 85 and ½ bushels to the acre, wagon box measure. As the berries are fine and heavy I feel sure it would weigh out a great deal more than this. Last year I purchased enough of your seed for a 4-acre seed patch and I am amply repaid for the investment. Yours very truly, A. K. MURPHY.

Get your order in early. We ran out of this famous seed oats again last spring.



Sept. 1st, 1911.

JOHN HENDERSON, Cokato, Minn.—I am sending you by today's mail, a photograph of my oat field at harvest time. This field was seeded with your Regenerated Swedish Select Oats. These oats stand from four to four and one-half feet high in spite of the dry season and scorching heat, I threshed a small sample for our State Fair, and they tested 40 pounds to the bushel just as they came from the machine.

ILLINOIS.

Willehelm Knauer, Mt. Carroll, Ill. Well pleased with oats we got from you. Received 87 bu. to acre, weighed 42 lbs. to bu. It pays to buy good seed oats at \$2.00 a bu.

J. L. Slick, Lanark, Ill., 1911. 15 acres averaged 80 bu. to acre, of nice, healthy, plump oats, weighed 35 lbs. to bu. some of my near neighbors sowed inferior seed and reaped 15 to 18 bu. per acre.

Willard Pigg, Woodstock, Ill. Made around 70 bu. per acre, 40 lbs. to bu. Will never regret \$2.00 a bushel paid for seed.

NEW MEXICO.

J. B. Vogeding, French, New Mexico. They are very good oats. Yielded more than any variety in this vicinity.

NEW YORK.

J. B. Pipe, Plattsburgh, New York. Oats did splendid. Went 80 bu. to acre. Went twice what my Twentieth Century oats did side by side with exactly the same chance. I think they are the best I have found.

Dewith Traver, Spencer, New York. Bought ten bushels of your Regenerated Swedish Select oats, sowed them on 1 3/4 acres. Harvested 215 bu. Sorry I did not get more. Cheap at twice the price I paid—\$2.00 bu.

COLORADO.

J. T. Selby, Rifle, Colo. Threshed over 102 bu. per acre, machine measure, weighed 40 lbs. to bu.

Oscar Cling, Alamosa, Colo. Sowed 2.8 acres, threshed 397 1/4 bu. or 141 1/2 bu. per acre. Land measured by neighbors. Can furnish affidavit from these parties upon request.

INDIANA.

J. O. Kunkle, Poneta, Ind. They stood up well and made 70 bu. to acre, while the rest of the oats went 30 to 35 bu.

OHIO.

C. J. Oyster, Alliance, Ohio. Had 82 bu. to acre. Would have gone 100 had not hail threshed it out.

A. E. Boughton, Everitt, Ohio. Yielded 70 1/4 bu. per acre. Stood up better than other kind sown next to them.

PENNSYLVANIA.

John H. Soxman, New Bethlehem, Penna. Sowed 10 bushels on 2 1/2 acres and got 178 bu.; an average of 71 bu. per acre. Common oats yielded 40. Ripened sooner than common oats. By far the best crop I ever raised. Glad I purchased these oats from you, as it gives me new ideas of oats growing.

D. W. Proctor, Union City, Penna. Oats yielded 68 bu. per acre, threshers measure, or 89 per acre by weight.

WASHINGTON.

J. E. Nymeyer, Oak Harbor, Wash. Yielded 95 bu. to acre; very nice; kernels large.

VERMONT.

R. A. Whittier, Hancock, Vermont. I think they are the best oats in the state. Am keeping them for seed. Have most of them sold at \$1.50 a bushel.

Fred E. Raine, Vergennes, Vermont. 50 bu. per acre; common run of seed 30 bu. to acre.

OREGON.

A. L. Fugit, North Powder, Oregon. Oats grew 4 1/2 ft. tall; made 100 bu. per acre.

MONTANA.

A. M. Austin, Columbia Falls, Mont. They threshed out by weight 12,080 pounds, 107 5/7 bu. per acre.



OSCAR CLING, Alamosa, Colo., threshed 141 1/2 bu. per acre. We can furnish affidavit from him if desired.



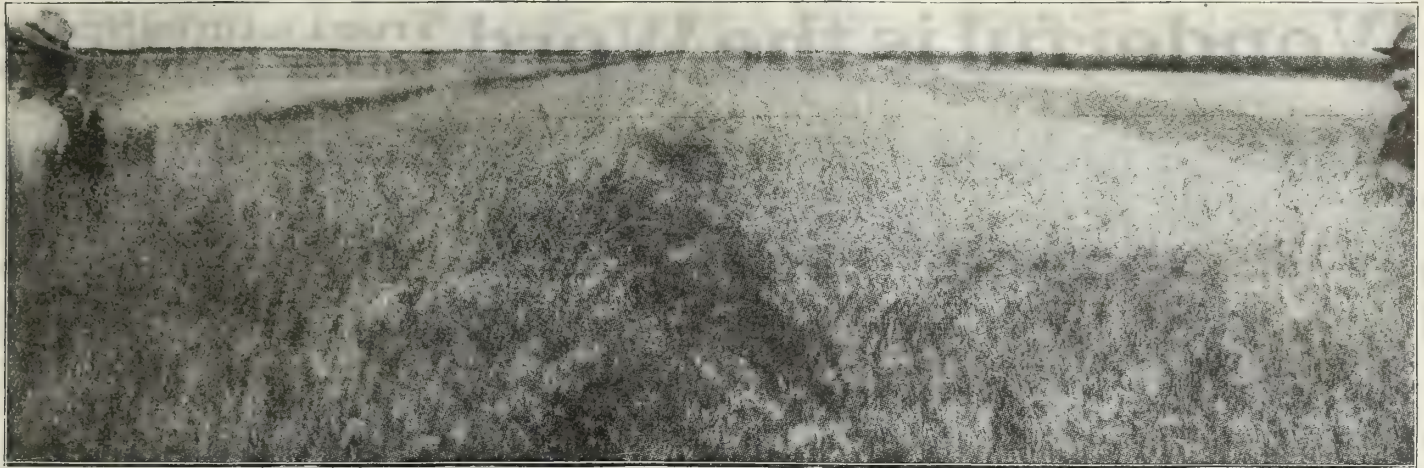
LISTEN

After all is said and done what you want to know is, Do they pay? How do they yield in this country? It's easy to make claims on paper, but photographs and extracts from actual letters tell the truth. Nobody can get away from positive facts.

Will H. Tracy & Co.



Pure Genuine and Unadulterated Seeds that Grow



The Pure Quill

This is a scene from our large 1920 acre oats farm in Canada, where we make a specialty of breeding and growing pure seed oats, and we only offer the very best known varieties that have been tested and tried.

We offer you no fads or experiments.

Just take a look at this picture and notice how pure the oats are. They are grown on new clean land, free from weeds. Oats are just like anything else. Like produces like. You can't any more expect to get a good crop from poor, inferior seed than you can expect to get good corn from nubbins, get good calves from an inferior bull, or good pigs from an inferior boar. Breeding is what counts.

These seed plots are under the personal supervision of J. W. Galloway and Prof. M. L. Bowman. They watch them during the entire growing season. On our farm we have from 50 to 60 different plots, where we get an opportunity to find out just what the oats will do and which kind is the best.

Galloway Bros. Pure, Genuine, Canadian Grown Imported Regenerated Swedish Select—the greatest oats on earth for all around purposes.

Get the only genuine from the largest seed oats farm in the Dominion of Canada, where we make a specialty of pure seed oats.

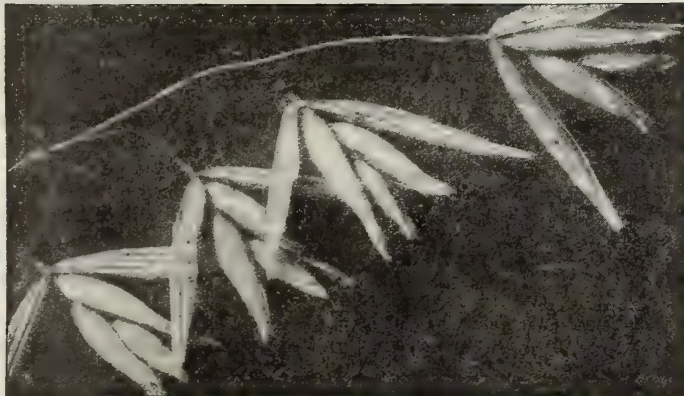
Space will not begin to permit us to tell you what we would like to tell you about this wonderful Regenerated Swedish Select oats. Don't confuse our Genuine Regenerated Swedish Select oats with ordinary

Swedish Select oats, Wisconsin No. 4. American grown Swedish Select and many others that have sprung up here and there on account of the tremendous demand we have created for the real article.

The Regenerated Swedish Select oats have been made what they are by very careful breeding, then give them a chance to develop to their highest point of development on carefully prepared seed beds in the most natural and ideal oats climate in the world.

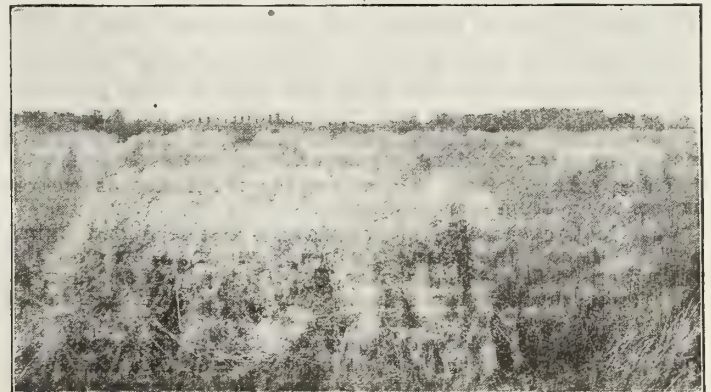
JUST READ THIS LETTER FROM MR. MCKELVIE, OF NEBRASKA.

It tells the tale, and the difference between our seed and other seed. Figure it out for yourself whether it paid Mr. O. McKelvie or not. Here is a small picture of his field that he raised in 1910, and below is what he says:



Look Here!

Three kernels in a pod from an actual photograph. This photograph shows just how these regenerated Swedish select oats develop on our Canadian farm. Many farmers have gotten these same wonderful results in the States. Some in Iowa, but of course you should bear in mind that if you should strike unfavorable climatic conditions, we cannot guarantee three kernels in a pod. In some cases where weather conditions were not exactly right in our experience, by carefully examining the grain, in some cases we noticed that the three kernels were formed but only two of them reached the full development. One of these cases was in Colorado in a season when it was very dry. These oats originally are bred to produce three kernels in a pod and will do it when conditions are right in every way, but we do not guarantee it, neither can any other body guarantee it in unfavorable conditions. However, these are the oats to start your seed patch with. This we know from experience. They came from Canada, the natural home of oat and from where they reach their highest point of development. Start your seed patch with this oat. We also know from experience of where these gave from 50 to 100 per cent better yield than the average run-out inferior oats.



"For some years past we have not been satisfied with our oats, so last spring we made an effort to secure some better seed. We sent to Galloway Bros. and got samples and prices of their Swedish Regenerated. We secured 45 bu. This seed cost us \$2.00 a bu. We thought the price a little high, but hoped for a good return. The 45 bu. of seed returned 1,202 bu. of high grade oats from 12 acres, one two-acre piece making 106 bu. to the acre.

We have decided it a splendid investment. These oats never received any more attention than our other oats. We found many peculiarities about these oats that are very much in their favor. First, you can sow early as they will stand much colder weather than other varieties, the straw is not only a stiff straw but is a straw that carries a great deal of foliage, making a splendid feed. If these oats continue to make good and show a yield of from 50 to 75 bu. we will raise them in preference to any other we have tried, which has been about six different varieties. Wish we had as good a seed oats booster as yourself in our state, and we would increase the yield 50%.

O. McKelvie, Fairfield, Nebr."

Wonderful is the Word True Pictures Speak Louder than Words



We picture here from an actual photograph the field of J. W. Beckman, Cokato, Minn. This picture tells the true story about what our seeds oats have done for our customers all over the country. We can show you hundreds of pictures just as good as this if space would permit.

Mr. Beckman said that they had great success with the Regenerated Swedish Select oats and that it was a dry season. He said, "It pays to raise pure seed grain and corn as well as live stock."

He is right.

There is everything in good seed.

Our pure imported seed oats at the price we ask are cheaper than ordinary oats that are half hulls and have weaklings, if you got them for nothing at all, and was paid \$1.00 or \$2.00 a bushel in cash besides, when you come to figure net results at harvest time, and that's the only thing that counts.

These are facts.

What difference does it make to you if the seed does cost a little more if at threshing time you get two or three times as much as your old run out seed would bring?

That's why we ask you this question:

What Kind of Oats are You Going to Put In for 1913?

Are you going to take the chance of getting a poor crop by putting in inferior seed or, are you going to try ten or twenty bushels of our Canadian Regenerated Swedish Select oats that are fresh, hardy, and full of life—oats that come from the natural home of the oats and have reached their highest point of development—the only logical oats to start a seed patch with—the same as these other people used—the proof of which you can see with your own eyes in these pictures?

Please remember that our illustrations are not faked pen drawings, but from actual photographs, and that we do not make any exaggerations whatever.

These extracts from letters are the truth and as we received them from our customers.

Just look over these pictures again and stop and figure out that it cost this man no more to run a seeder over the ground, then later on go over it with the binder, than to have gone through these same operations, put in inferior seed and reaped an inferior crop.

You take a far bigger chance to put in poor seed, get nothing for your hard work, interest on the investment, labor, etc., than you do to buy good seed, even at a good seed price.

Many seed men offer American Grown Regenerated Swed-

ish Select oats and at a lower price, owing to the fact that we have created a big demand in the United States for this seed, but we believe our oats are the cheapest, when you consider the net results at the threshing machine, and after all is said and done that's all you care about.

The question with you is after you have gone all through the motions at the end of the year, which has brought the biggest net returns?

WE ARE PUTTING UP A FIGHTING CAMPAIGN FOR MORE AND BETTER OATS.

Why not join us?

Why not resolve to start a seed patch this year on your farm. What we mean by this is simply put in ten or twenty bushels in a field for the exclusive purpose of raising seed for the following year and continue each year with the same operation. If you do this you will be surprised at the results and the increased crop.

Look at the price of oats.

Year in and year out oats if you raise the right kind is the most profitable crop on the farm, because they are easy to grow and generally sure. It is easy to raise from 60 to 100 bu. of oats in many localities where they thought they could not raise oats at all.

Here Are a Few Things to Think About

Which is the cheapest,—oats that cost from 40 to 90 cents per bushel, that germinate 50%, 60% or even 80%, one-half or one-third of which is hulls and chaff, OR seed that germinates nearly 100% at \$2.00 a bushel, every kernel doing business, making a stand, shading the ground with good stiff straw, and leaves that kill the weeds and at harvest time yields you a big crop?

Farmers declare under oath that oats from our seed compared with other seed in the same field, show a marked

difference. There must be a reason. There is.

Your oats are run out.

Why not just try ten or twenty bushels of our seed this year, and put them in according to Prof. Bowman's directions in our oats booklet, which goes out with every order? Farmers write us who bought last year that they now thank us for urging them to buy. We don't want to unduly urge you but these are facts. Just judge for yourself.

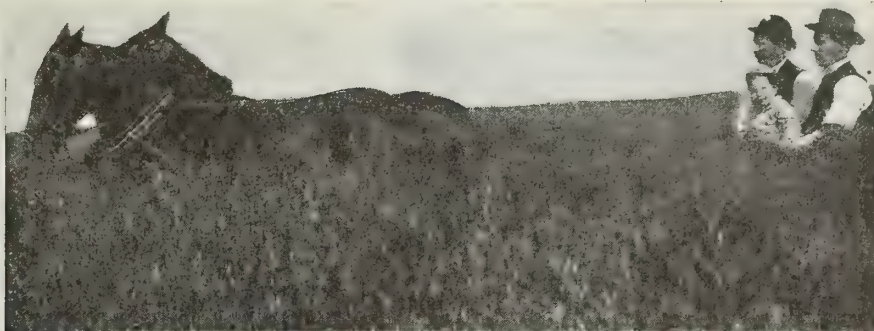
GALLOWAY BROS

*Genuine Canadian Grown
Imported Regenerated
Swedish Select Oats*



Look at these. See the three kernels to the pod. Big, plump oats; heavy like wheat. Stiff straw, large white berry, thin husk, enormous yielders.

This is an actual photograph taken from two stalks from Galloway Brothers' field. Over two hundred kernels to the stalk, from the Regenerated Swedish Select—the greatest oat on earth. If you will look closely where some of the pods are opened you will notice three kernels each pod. This is what breeding will do.



The above is a true picture from a photograph of one of Galloway Bros. big Canadian fields (J. W. Galloway and his little boy on this side). You can't see the buggy nor even the wheels. Note how straight they stand up (the result of oats bred with a stiff straw).

Galloway Bros. Famous, Pure, Genuine, Canadian Grown Imported Regenerated Swedish Select

The greatest all around, all purpose and most vigorous oats ever produced. By all means try 10 to 20 bushels and start a seed patch this year. Truly the greatest on earth.

GET THE GENUINE from the largest seed oats farm in the entire Dominion of Canada, where we make a specialty of pure seed oats. We know what we are giving you and when you buy from us you know what you are getting. These oats are grown under our own personal supervision.

Don't buy American grown Swedish Select if you want the best results. Why not get the benefits of all the big yields yourself? Seed oats should be changed in this country at least every three or four years. What's the use of buying American grown after some other fellow has got all the benefits of the big yield?

We can sell you American grown just as cheap as anybody if you want that. Some seed men say to buy American grown because it is acclimated. There is nothing to this. Experience has shown—the experience of our customers and ourselves—that the fresher you can get the seed from Canada the bigger the yield, and it will pay for the extra price.

Space will not begin to permit us to tell you here what we would like to tell you about this wonderful Regenerated Swedish Select oats, and what it has done for hundreds of customers in almost every state in the Union, many of whom thought they could not raise good oats at all because their ground was too rich, etc. You can raise good oats if you put them in right with the right kind of seed, and year in and year out, there is no crop that is more sure or a bigger payer.

Follow the directions by Prof. M. L. Bowman in our booklet, which we will send out with every order, that tells you how to increase the quality and quantity of the oats crop, and try ten or twenty bushels of this seed, and with normal climatic conditions you can increase your oats crop.

CAUTION—Don't confuse our genuine Regenerated Swedish Select oats with ordinary Swedish Select, American grown Swedish Select, Wisconsin No. 4, and many others, that have sprung up here and there on account of the tremendous demand we have created for the real article. Some seed men offer oats that in name sounds like ours, which they buy here and there, wherever they can and they, themselves, never even see the ground on which the seed is raised, and have to take the word of the men who ship it as to the genuineness and purity.

Can you afford to take a chance of this kind on seed any more than you can take a chance on the genuineness of the pedigree of a boar or bull on which you are not just sure?

DESCRIPTION—Our Genuine Regenerated Swedish Select oats is a heavy yielder, very early, heavy stiff straw, broad leaves, heavy grower, large white berry, thin husk—many stalks on our farm yielded as high as 200 kernels to the stalk. It is a tremendous yielder—always tops the market. On account of its stiff straw it does not easily lodge but stands up better than other oats—a decided advantage, especially in the Corn Belt where the land is rich.

Our advice to every farmer is to try ten or twenty bushels or even more of this seed. Many farmers who bought this seed claim if they had put their entire fields in with this seed at our price they would have been money ahead when you figure the net results at threshing time, and this is the only thing that counts.

PRICES ON IMPORTED STOCK. Bags Free. Order by Catalog No.

Cat. No. 105B—10 bushel lots and over, 32 lbs. to bu., per bu.	\$2.00
Cat. No. 106B— 6 bushel lots, 32 lbs. to bu., per bu.	2.50
Cat. No. 107B— 4 bushel lots, 32 lbs. to bu., per bu.	2.75
Cat. No. 108B— 2 bushel lots, 32 lbs. to bu., per bu.	3.00

We can't sell these oats for less owing to the freight and duty for Canada. They are, however, worth the money as proven by our customers.

Just try 10 or 20 bushels of this Famous Pure Bred Imported Seed Oats. They pay others and will pay you.

NEW VICTOR BLACK

*A Wonderful Black Oat
A Top Notcher
An Enormous Yielder*



From photo of J. W. Galloway and our New Victor Black. Notice stiff straw and heavy leaves.

JUST NOTICE THE HEIGHT OF THESE OATS.

This is one of our new oats known as New Black Victor. They are a tremendous yielder and for a black oat have no equal. We have only a limited supply to sell. See price list.

Be Sure and Read Page 22



From actual photograph on our farm, New Victor Black, six feet high. Remember, like begets like. You can't get good oats from cheap run out seed.

The New Victor Black

Here is a wonderful black oat. In fact, it is the top notcher of all black oats. It is an enormous yielder. These are true illustrations of just how these oats did on our big farm in Canada.

The above is an actual photograph of one of our big fields showing how the oats stand up. They stood over 6½ ft. tall. We are almost afraid to tell you what these oats produced on our Canadian farm, because you might not believe it, but nevertheless, it is a fact, and we can furnish affidavit at any time. On our farm in Canada they produced 155 bushels per acre, and while this sounds almost incredible, yet a customer who bought this seed from us last year in Colorado made almost equally as good a record, and he said he would furnish affidavit at any time.

Oscar Cling, of Alamosa, Colorado, writes us under date of October 26, 1911, that from 2.8 acres of ground he threshed 397¼ bushels or 141½ bushels to the acre. The land was measured by his neighbors and the oats were weighed at the threshing machine, and he says he can furnish affidavits from these parties upon request. He further says, "I am highly pleased with the results of the seed I purchased from your firm. It is one of the largest yields of oats that has ever been recorded in the San Luis Valley."

The picture to the right from a photograph of his field which you will notice is very similar to the photograph of our own field.

For anyone wishing a black oat there is absolutely no question but what this is today the greatest black oat ever produced. We originally got this seed in England and tried it for four successive years on our Canadian farm with the same big results. We only have a limited amount of this seed for sale this year. All we can offer is about two carloads, and orders will be taken care of in their turn. It has the highest feeding value of any oats ever introduced and just right for stock of all kinds. If you raise oats for your own use and never sell them, this is the kind of oats to buy. It is claimed by experts to have the largest amount of protein or flesh forming constituents of any other oats. It is high in carbohydrate oil and albuminous compounds, and very low in moisture, ash and indigestible cellulose. It weighs 48 lbs. to bushel. If you want an oat for feeding purposes try a few bushels of Galloway's New Victor Black.

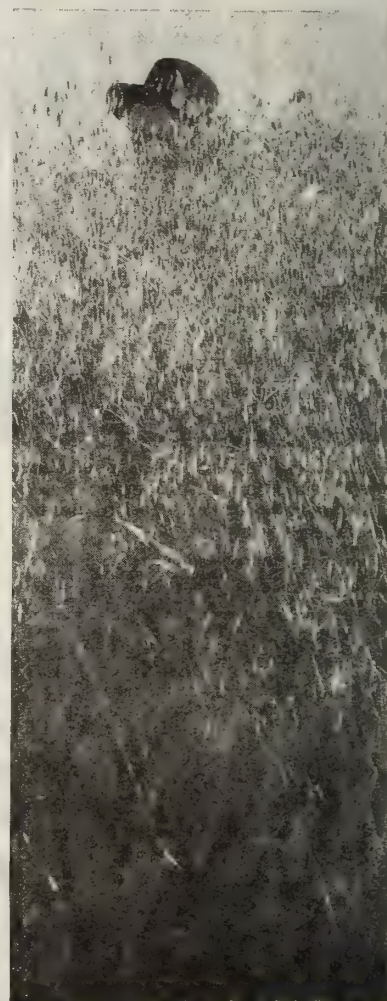
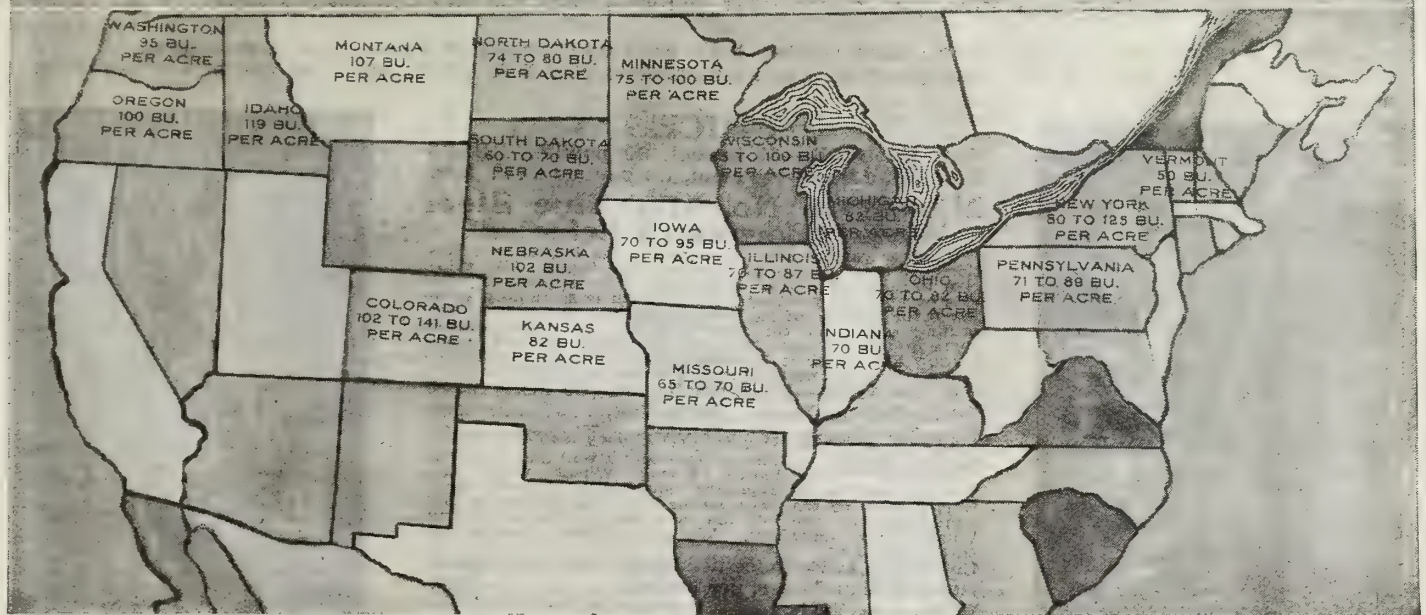


Photo from Mr. Oscar Cling's field of Alamosa, Colorado. It tells the true story.

PRICES. IMPORTED STOCK. Bags Free.
Order by Catalog No.

Cat. No. 109B—10 bushels and over, 32 lbs., to bu., per bu.	\$2.50
Cat. No. 110B— 6 bushels, 32 lbs. per bu.	2.75
Cat. No. 111B— 4 bushels, 32 lbs. per bu.	3.00
Cat. No. 112B— 2 bushels, 32 lbs. per bu.	3.25

Pure Seed Oats-Our Great Specialty



This Picture Tells The Story About Galloway Bros.' Oats

Read every one of the letters on this and the following page. They tell of the wonderful results obtained in the different states where Galloway Bros.' seed oats have been used. Here is positive proof that it pays to buy our seed oats—It means big extra profits for you every time. The above picture is from actual photo of harvest time in one of our big Canadian Fields.

IOWA.

J. W. Hill, Pres. Des Moines Nursery Co., Des Moines, Iowa. Regenerated Swedish Select oats purchased from you were sown on our nursery grounds, we harvested a little over 80 bu. per acre. Said to be the best oats by far in this section of the country and so pronounced by threshers and others who examined them.

C. E. Gardner, Osage, Iowa. Galloway Regenerated Swedish oats went 70 to 95 bu. per acre, on 40 acre tract. Adjoining fields planted with common seed produced 20 to 35 per acre. We think the price reasonable and our investment very satisfactory indeed.

John F. Otto, Dows, Iowa. Stood up fine, turned out 90 bushels to acre, weighed 41 lbs. to measured bushel.

Arthur Reimer, Danbury, Iowa. Yielded about 70 bu. per acre, weighed 42 lbs. to bu. Stood up well, about 5 ft. high. Nicest oats I ever saw.

NEBRASKA.

O. McKelvie, Fairfield, Nebr. 45 bu. of seed returned 1,202 bu. from 12 acres, one two-acre piece making 102 bu. to acre.

R. E. Leech, Beaver City, Nebr. It was real late when I got the oats. Made 70 bu. to acre. I think they are all right for this country.

MINNESOTA.

Guy Marsden, Truman, Minn. Oats went 80 bu. per acre. They are much better quality than old seed. Could sell all for seed if I wished.

A. T. Chilstron, Litchfield, Minn. Oats turned out good according to conditions. A couple of weeks before harvest we got a storm. Anyway they ran about 100 bu. to the acre. Threshers said they were the finest oats they had seen.

H. P. Rund, Bronson, Minn. The oats were dandy. Yield was 95 1/2 bu. to acre, of 40 lbs. Other oats of common variety go 40 bu. See the difference.

KANSAS.

W. E. Geren, Bancroft, Kansas. I bought 10 bu. of your Swedish Select oats and it made 82 bu. to acre.

SOUTH DAKOTA.

Wm. K. Jorgensen, Dell Rapids, S. Dak. Oats panned out good, went 54 bu. to acre; weighed 42 lbs. to bu., or 70 bu. to acre by weight. Stood up fine. Best oats around here. Panned out again as much as ordinary oats around here.

Nick W. Klein, Vernon, S. Dak. 70 bu. by weight. They weighed 48 lbs.

NORTH DAKOTA.

Robt. Christopherson, Finley, N. Dak., 1911. My Swedish Select oats yielded 80 bu. per acre.

Paul Humple, Glover, N. Dak., 1911. Will say that it was awful good oats, yielded 74 bu. to acre. White Russian growing side of yours only turned out 30 bu. to acre.

WISCONSIN.

W. McConnell, Baldwin, Wis. Threshed out 85 bu. per acre, stood up better than some other oats on the same kind of ground.

Adam Czerwonka, Chetek, Wis. Turned out good. 100 (1911) bu. to acre, 44 lbs. to bushel, just as they came from machine.

MICHIGAN.

R. M. Richards, Delton, Mich., 1911. I sowed the 20 bushels on 4 acres, got 329 bu. or 82 1/2 bu. to acre. Elevator man told me they were best oats he had ever seen.

Wm. Dipp, Freeport, Mich. The oats I bought from you are fine and dandy. Regenerated Swedish Select went 81 bu. per acre, while others went 60 bu. Your seed company is all right and a good thing for the farmers.

IDAHO.

C. H. Barnes, St. Anthony, Idaho, 1911. Have threshed oats. Yielded 119 1/2 bu. per acre, machine measure. How's that for a yield?

MISSOURI.

John R. Tobey, La Clede, Mo., 1911. Oats went 65 bu. to acre, 25 bu. more than the average.

Geo. W. Brown, Montgomery, Mo. Oats yielded well for this country. Made 70 bu. per acre, stood 5 ft. high or a little better. Can sell all I have very readily at good price.

WHEAT

Genuine Saskatchewan Canadian Imported Red Fife Spring Wheat

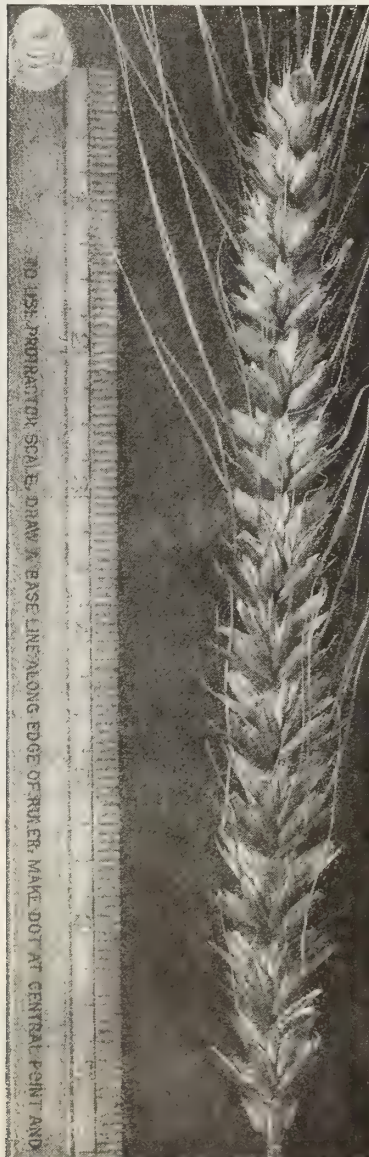
(Galloway Bros. Imported Special Select)

If you would like to get some of the pure quill Saskatchewan RED FIFE spring wheat, here is your chance. We import this direct from Canada. This is the wheat that has made Saskatchewan famous as a wheat country yielding from 30 to 60 bushels per acre, and has produced in the United States all the way from 30 to 50 bushels per acre.

We can offer you only a limited amount of this wheat this year, but we advise every wheat grower who gets this catalog to try at least a few bushels. Get enough for a seed patch so you will have a good start for the following year. Owing to the freight and duty this wheat naturally comes higher in price than United States grown wheat, but we believe it is well worth the money when you consider that you are getting the very hardest and choicest of all Canadian wheats.

Description: Heavy yielder, big, plump, hard berries, long head and very stiff straw, high germination.

The picture to the left is a true photograph of our Saskatchewan Red Fife Wheat raised on one of our experimental seed plots.



From Photo Showing Genuine Sask. Imported Red Fife Spring Wheat

PRICES

Cat. No. 113B— $\frac{1}{2}$ bushel, 30 pounds ..\$1.75

Cat. No. 114B—1 bushel, 60 pounds 3.00

Minnesota No. 169 Blue Stem Wheat (Bowman's Selected).

Another variety also originated at the Experiment Station. It is a progeny of Haynes' Blue Stem. All extensive growers of Spring Wheat are well acquainted with this exceptional yielding variety which is so rapidly gaining favor because of its heavy producing properties. The milling test is of the very highest. We have secured some of the choicest stocks of this wheat for our customers. Remember it is bound to be of good quality because we handle nothing that is in any way inferior.

Cat. No. 115B—Price per bushel (60 lbs.), \$2.70
10 bushels and over, per bushel, 2.60

Early Java (Galloway-Bowman's Selected).

This is especially a well and favorably known Spring Wheat which has proven itself to be especially adapted to the corn belt. It is a week or ten days earlier than other varieties and unquestionably one of the heaviest producing Spring Wheat known anywhere. We heartily recommend it for entire corn belt.

Cat. No. 116B—Price per bushel (60 lbs.), \$2.50
10 bushels and over, per bushel, 2.40

Winter Wheat. If you are interested in winter wheat for next fall sowing, drop us a line and we will be very glad to make you a special quotation at that time, as we sell only the very best.

There is money in wheat if you get the right kind of seed and put it right on a good seed bed with a first class grain drill. Many farmers have thought for years that they could not successfully raise wheat in the corn belt. This is a mistake. Iowa, Ill., Ind., Ohio, Nebr., Kans., Mo., and in fact any state in the corn belt can raise good wheat if you get good, fresh northern grain seed and put it in right. Just try some this year and get a fresh start.

SEED BARLEY

Oderbrucker Barley (Bowman's Selected).

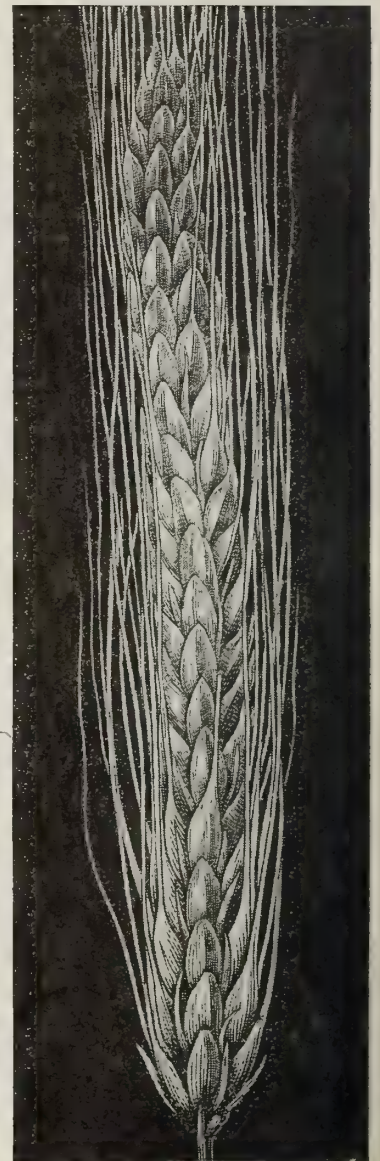
This barley has been thoroughly tested out by Prof. Moore of the Wisconsin Agricultural College. There are many who prefer it to any other barley grown. There is no question but that it is particularly adapted to localities similar to Wisconsin. Oderbrucker Barley has a stiff straw, is a splendid yielder, vigorous grower and a good rust resister. Chemical analysis has shown that the protein is particularly high, making it an exceptionally valuable feeding barley. Also one of the best malting barleys.

Cat. No. 117B—Price per bushel (48 lbs.), \$2.30
10 bushels and over, 2.25

Manshury Barley (G-B Selected).

Commonly admitted to be the best barley known to the American farmer. Very generally recognized as the most reliable yielding barley under all conditions. The grain is large and is an excellent feeding barley, at the same time having no superior for malting purposes. We strongly recommend this barley unqualifiedly. Our stock of seed is absolutely of the very best quality that can be secured.

Cat. No. 118B—Price per bushel (48 lbs.), \$2.40
10 bushels and over, 2.25



Bowman's Selected Oderbrucker Barley



SEED CORN

Pure Specially Selected Seed Corn

The photograph herewith is of Prof. M. L. Bowman, former Professor of Farm Crops, Iowa Agricultural College, who has made his name famous throughout the entire Corn Belt as a seed corn judge and expert. While at the Iowa State College Professor Bowman got out the famous text book entitled "Corn" which is now used as a text book in the Iowa State College and many other places and is recognized by all the colleges of Agriculture in the Corn Belt as the leading work and authority on this subject.

SEED CORN

By Prof. M. L. Bowman, Corn Specialist

WE handle nothing but first-class seed corn. The same kind that we would want you to furnish us, if we were the purchaser. You know just as well as we do that all corn is not adapted to the same locality. You know that to get the best results, you must secure your seed corn which has been grown in an environment similar to your own. You know that it does not pay to send away south for seed corn and take the chances of the seed caught by the frost. You know also that it does not pay to go too far north, thereby reduce the size of the ear.

If you are looking for just common ordinary seed corn, if you are wanting something just ordinary, just something to plant, please do not send to us and make inquiry with regard to your corn. If you are wanting some corn that is selected with the scoop shovel method and then simply shelled, graded and sent out for seed, there is no use of making inquiry from us.

We sell nothing but strictly first-class seed. Tested seed. Seed that grows. Seed secured from the very best growers of seed corn in the Corn Belt. Seed that we can recommend to you. Seed that we guarantee to you. That's the kind of corn we sell.

If you are not thoroughly satisfied with the corn upon receipt of it, you can ship it promptly back. We will give you full

information as to the locality in which your seed corn is grown so that you can see that it is particularly adapted to your conditions. We will not send corn to you unless we know that it should be adapted to your conditions and something that should make you money. We fully appreciate that there is no other seed company in the world that is handling corn on the same basis that we are. We could scoop corn out of a crib, shell it and grade it and sell it to you for a little above market price. We are not doing business that way. We buy our corn from the very best seed growers and breeders in the Corn Belt, and in many instances we have to pay them as much for our corn as we are selling it to you. We do not just grow this corn in one place and send it promiscuously all over the Corn Belt as most seed companies do, but we have our growers located everywhere. When we send you a bushel of corn, we send it from our special growers who are in a latitude that will make the corn particularly adapted for your use. Again let us say if you are wanting some common ordinary seed corn, you will be disappointed by sending to us, because we will have nothing but first-class corn that we guarantee to you and our guarantee is good.

The demand for seed corn will be great and we will not be able to fill all the orders by any means, but we will fill them in their turn and would suggest that if you are interested in securing some first-class seed for this coming Spring, that you send in your order immediately. We will see that it is shipped promptly or return your money.

VARIETIES

BOWMAN'S SPECIAL SELECTED Yellow Dent. This is one of the very best yellow varieties known in the Corn Belt. The last few years it has won more grand championship prizes than possibly all the other varieties put together. It is not adapted to the extreme northern portion of the Corn Belt, but is particularly adapted to the central portion of the Corn Belt and farther south. It has been grown with marked success all through the southern two-thirds of Iowa, extending on east and west in the Corn Belt and farther south. Big ears of me-

dium size remarkably uniform and of a bright yellow color with solid deep grains and with a small red cob. The ear is of medium length, measuring from eight to ten and one-half inches long with from eighteen to twenty-four rows of kernels on the cob. It is one of the highest selling varieties of corn known. The name is well known in the Corn Belt and is a favorite among a large percentage of our best corn growers. Remember we secure our stock of seed only from breeders of repute. We guarantee it to you. It must be good or you can return it without expense to yourself.

Cat. No. 119B—Per Bu., \$5.00

SILVER KING OR WISCONSIN NO. 7.

We know of no better seed corn for the northern part of the Corn Belt than Silver King as it is termed in the northern part of Iowa, and Wisconsin, 7, as termed in Wisconsin, where it has been developed under the direction of Professor Moore.

This is a pure white dent corn with ears of good size and inclined to be well filled over the butts and tips. An early variety of corn and a splendid sheller. We unhesitatingly recommend it to any in the Corn Belt living north of about 42½ degrees latitude, a line which would run through the Corn Belt, taking in the northern third of Iowa. Remember if you are in the extreme northern part, we will have corn from our growers which has been tried and will be adapted to your use. There is no corn so well adapted for you as that which has been grown for some time in your own locality. We make it a specialty to furnish corn adapted to your particular conditions.

Cat. No. 120 B—Per Bu., \$5.00

MINNESOTA NUMBER THIRTEEN.

A rich yellow ear of from sixteen to twenty rows and very early maturing. It is a heavy yielding variety and largely grown throughout the state of Minnesota through the recommendation of the Minnesota Experiment Station where it was developed.

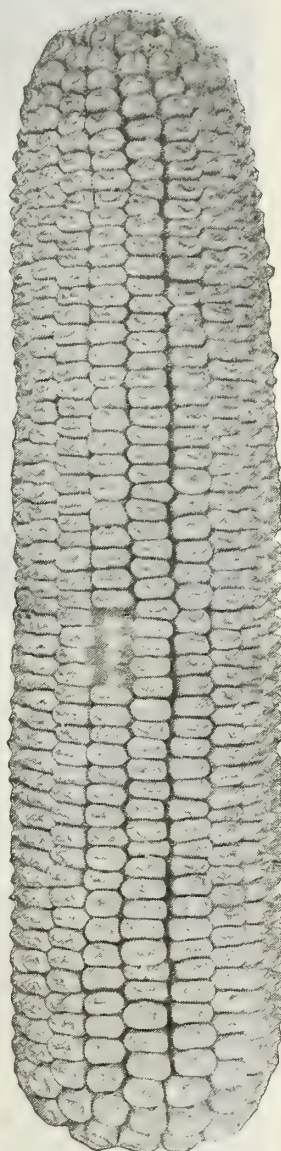
The ear shows a very pleasing uniformity with a dimpled dent and practically no signs of flintiness. This is one of the earliest yellow dent varieties of corn. It is hardly necessary to call this variety to the attention of those living in the northern part of the Corn Belt where it has long been a favorite. We have carefully selected seeds direct from the best growers of this excellent variety.

Cat. No. 121 B—Per Bu., \$5.00

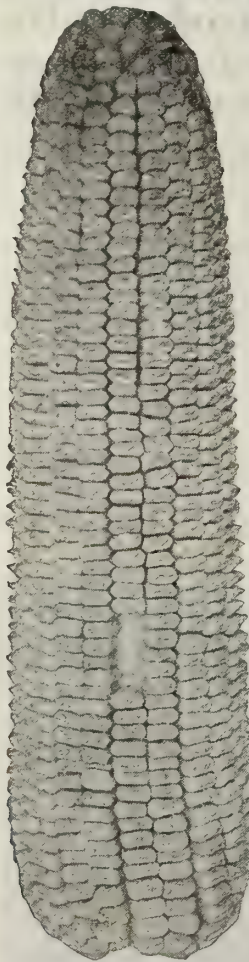
BOONE COUNTY WHITE (Galloway Bros.' Special Selected). Particularly adapted to the southern portions of the Corn Belt. A fine, large, strong, vigorous grower. More particularly adapted to a heavy soil where it is a splendid yielder. The ears are large and pearly white in color, being from nine to eleven inches long, cut off quite squarely both at the butt and tip. In the southern portion of the Corn Belt there is probably no variety of corn so well known, and so well thought of. Again let us call your attention to the fact that your seed corn must be good if you buy it from us. We guarantee it. Our growers are the best in the Corn Belt.

Cat. No. 122 B—Per Bu., \$5.00

LISTEN The thing that costs least in connection with a good crop or a garden is the seed. Cheap seed is expensive if you get it for nothing and good seed is always the cheapest.



G-B Special Selected Boone County White



G-B Special Selected Yellow Dent



Galloway Bros. & Bowman Co. Waterloo, Iowa, U.S.A.



LOOK AT THIS Here's a Picture of My 16 Acre Field of Alfalfa Of All the Great Soil Builders, Alfalfa is the Greatest of them All

To the right is Mr. H. G. McMillan, proprietor and editor of Farmer and Breeder, and also the famous Percheron horse magnate of Rock Rapids, Iowa. He is also growing alfalfa on his Iowa land with remarkable success. To the left of me is Mr. A. E. Haswell, manager of the William Galloway Company's Canadian house.

Notice the depth of this alfalfa. Why not resolve to try five or ten acres on your farm next year? Alfalfa can be grown successfully in any climate, even in Canada, with nitragin inoculation. Get our book of instructions or read pages 101 to 104 which tells you how to succeed in any climate and how to inoculate your seed.

Knee Deep in Alfalfa

Who said they could not grow alfalfa in Iowa? This is just before the third cutting. Look at the depth of it. Two feet of the finest, richest, greenest feed a cow ever ate.

Let me tell you something.

I traded for this farm two years ago. There couldn't have been a worse run-down farm in Black Hawk County. The first thing I did was to get busy and put a small portion of it into alfalfa. This picture is the result, and the land you see in the picture above right today according to the present market price of alfalfa is bringing me in \$90 an acre net.

You can do the same. Get our alfalfa book which we will be glad to furnish you free, telling you how to put in alfalfa.

It don't make any difference where you live—no matter what latitude—with the right kind of seed and the right kind of inoculation you can grow alfalfa. We grow it even on our big farm in Canada, which is 1,000 miles north of here.

Why not turn some of your land into \$90 an acre annual money producing crop? This is conservative. Remember our alfalfa seed is Pure, Genuine and Unadulterated. We don't sell any second grades.

Just as sure as the sun rises and sets, just so sure is alfalfa rapidly becoming recognized as a great American legume that is surely gaining entrance into all portions of the great corn belt.

Just stop and think for a minute—the leaves of alfalfa hay are equal pound to pound in feeding value to that of bran.

Stop and consider the fact that four to five tons of alfalfa hay to the acre is a most conservative estimate, just an average yield.

Just stop and ask yourself what you have to pay for bran and then just recall the fact that four to five tons and sometimes six or seven tons of alfalfa hay are produced on a single acre right here in the corn belt and feed which, by the way, compares favorably with bran.

Three cuttings of hay per season is only an average yield and, mind you, the digestible protein in alfalfa hay is about 50 per cent more than in clover hay.

Alfalfa has come to stay—it is so profitable a crop that it must command the attention of every corn belt farmer—it is being successfully grown right now; it is not an experiment any more; it is a positive fact and every farmer should try a patch of it and the sooner the better.

With every order for alfalfa we give you free a little booklet with full information and complete instructions for putting in alfalfa—follow these instructions and get proper results.



Knee Deep in Alfalfa.



PRICES

Dry Land Alfalfa (Northern Grown)

The best alfalfa for lands that are usually deficient of moisture through limited rainfall. The seed is grown on such land and can be relied upon to do better than any other kind under these conditions.

Cat. No. 125B—Price, 1 lb., 35c (Postpaid). Freight or Express, 1 lb., 35c; 10 lbs., \$2.30; 25 lbs., \$5.75; 100 lbs., \$23.00.

Grimm or Everlasting Alfalfa (Northern Grown)

We have a limited stock of this extra hardy alfalfa. It is especially suitable for cold situations; it will survive the coldest winters.

Cat. No. 126B—Price, 1 lb., 40c (Postpaid). Freight or Express, 1 lb., 30c; 10 lbs., \$2.50; 25 lbs., \$6.25; 50 lbs., \$12.50; 100 lbs., \$25.00.

Montana Alfalfa

The best for all lands. The demand for this hardy Northern grown seed is very great and we would advise our customers to get their orders in early and save disappointment.

Cat. No. 127B—Price, 30c lb. (Postpaid). Freight or Express, 1 lb., 25c; 10 lbs., \$2.00; 25 lbs., \$5.00; 50 lbs., \$10.00; 100 lbs., \$20.00.

Listen!

Just one word.

Alfalfa is another of our great specialties.

There is perhaps no seed offered the farmer of the United States today upon which hinges so much importance as alfalfa, clover, timothy and the grasses. Upon this seed depends largely his prosperity.

We are putting up a fighting campaign for pure alfalfa, clover and grass seed.

The average seed man offers three varieties. When he buys the seed from the growers he buys three varieties.

We only offer you one variety, and only buy one variety, and while there may be customers of ours who will go through this catalog looking for a second and third grade clover, etc., we are sorry to advise that they will find none, but we don't believe if they knew the true facts they would be disappointed, because every time you pay a third grade price for alfalfa, clover or grass seed you pay a larger price than if you bought the very best in the first place.

This is an absolute fact, because it will take much less seed of the better grade, and you don't take the chance of polluting your farm with noxious weeds.

Don't forget this.

We also want to caution you against paying the high prices for clover seed from some concerns who will go through this catalog looking for a second and third grade clover, etc., we are sorry to advise that they will find none, but we don't believe if they knew the true facts they would be disappointed, because every time you pay a third grade price for alfalfa, clover or grass seed you pay a larger price than if you bought the very best in the first place.

Get Our Samples Which We Will Send You Free

or order a large packet of any of this alfalfa, clover, grass or timothy seed, which only costs ten cents, and make your own comparison.

If you do not have a magnifying glass of your own, you can get one in the average small town, from the druggist or physician.

Our advice to you is not to take any chances on this alfalfa, clover or timothy seed question.

The U. S. Dept. of Agriculture Says:

"In addition to the hay crop, alfalfa at two years adds \$100.00 to the value of every acre on which it grows. There is no state in the Union in which alfalfa cannot be successfully grown. Its long, branching roots penetrate far down, push and crowd the earth this way and that, and thus constitute a gigantic subsoiler. These become an immense magazine of fertility. As soon as cut, they begin to decay and liberate the vast reservoir of fertilizing matter below the plow, to be drawn upon by other crops for years to come."

Alfalfa is such a profitable crop that it behooves all farmers to take the utmost pains to secure a crop; so profitable indeed is this crop that no time or money is wasted in raising it. Try Galloway-Bowman's Re-selected strain and make good. We handle only one stock of Alfalfa, THE BEST. Sow 15 to 20 lbs. to the acre. Put in at least an acre of alfalfa, then you will want more. It will pay you big.

Always Buy Reliable Seed

This year has been a great one for bumper crops. The only people complaining are those who bought cheap seeds that won't grow well under the most favorable conditions. It always pays to start right by getting Pure, Genuine, and Unadulterated Seeds. The seeds that always grow.



Alfalfa for Hogs is as Good as Corn and Always Healthy.

CLOVER



The above is a picture of William Galloway's famous herd of Prize Winning Ayrshire cattle. There is nothing pays on a farm like pure bred cattle and pure bred clover. They not only are money makers for the farmer, but they both enrich the soil.

Remember we only sell one grade—positively and absolutely the best—no seconds or thirds. This is one rule we established when we started this seed business and we intend rigidly to stand by it. We have proved that it pays.

When seeding down a piece of ground you can't take any chances by putting in poor, inferior seed that is mixed with weeds and dirt.

When ordering Clover Seed don't forget the advantages to

be derived by inoculating your seed with nitrogen. Pure Clover Seed inoculated with Nitrogen has never been known to fail. The two combined mean certain success. If it is difficult for a farmer to get a catch of clover it is because nine times out of ten the needed germs are missing in his soil. Nitrogen overcomes this obstacle at once; it gives him millions of the right kind of germs and his soil becomes thoroughly inoculated at once.

Medium Red Bowman's Extra Special Selected

Clover is the great soil strengthening crop. It adds fertility to poor soil, making possible a large crop of corn and other grains that draw so hard upon the soil. The best clover seed is none too good. You cannot afford to use anything but the best. You will note that we mention just one general clover seed—Medium Red—the best the farmer can buy—the one great clover that does so much in the maintaining of our soil fertility. Remember, clover does not exhaust the soil, but it enriches it. You can't always take something from the soil and give nothing back and expect to keep the soil in good physical condition, rich and productive. Clover not only gives you an abundant hay crop, but stores away in the roots large quantities of nitrogen which when the roots are plowed up readily becomes available for the following crops; for example, in the case of corn adding a substantial increase in the yield per acre. It pays always to buy the best grade of clover seed which can be obtained. Inferior clover seed is cheap at any price. You cannot buy poor, inferior clover seed of us—we would not sow it ourselves nor think of offering it to our customers.

We hold the finest crop of Medium Red clover in the United States; absolutely pure and of the highest germinating power. Our stock is limited and in order to avoid disappointment we would advise our customers to place their order early. Sow eight to ten pounds per acre. Free sample for comparison, or large packet, 10c. Read about clover inoculation on page 101.

Cat. No. 128B—Sample and price on application.

Sweet Clover or Bokhara

A variety of Clover that resembles Alfalfa, both as to appearance and habit of growth when young. It grows much larger than Alfalfa—often 4 to 6 feet high. It makes a very vigorous growth and is much used to plow under as a green manure. Is valuable in the bringing up of old waste and worn-out soils, and thrives well even on extremely poor soil. If plowed under it adds humus and nitrogen to the soil, or if simply left to grow up and drop back for a few years the decaying stalks and roots will do wonders for the land. Its greatest value other than a fertilizer is in preparing the soil for Alfalfa as the bacteria of Sweet Clover is the same as that of Alfalfa. Sweet Clover will thrive on all classes of soil and will inoculate land otherwise too poor to establish Alfalfa. It is also largely used for bee pasture, its small white flowers yielding much honey. Sow from April 1st to Sept. 15th, with or without nurse crops, at the rate of 15 to 25 lbs. per acre.

Cat. No. 129B—1 lb., 35c (Postpaid); 10 lb. and over, 25c per lb.



Medium Red Clover—Prof. M. L. Bowman's Extra Special Selected

In view of the very unsettled condition of the market at the time this catalogue goes to press we are not in a position to quote firm prices on Clover and Timothy Seed. If you are needing our high grade, pure, genuine, and unadulterated Clover and Timothy Seed just drop us a letter saying what your requirements are and we will send you samples and prices by return mail. Don't fail to see our samples before placing your orders. For high grade Clover and Timothy Seed we cannot be beaten by any reputable house. We handle the best and our prices will be right.



Pure Genuine and Unadulterated Seeds that Grow



Alsike or Swedish Clover

Alsike or Swedish Clover

BOWMAN'S EXTRA SPECIAL SELECTED

This is one of the hardiest varieties known. It is perennial and does not winter kill. It will do better on moist land than any other variety of clover and is suitable for either hay or pasture. When sown with other grasses, it forms a thick undergrowth and greatly increases the yield. It is frequently sown both with Medium Red Clover and with Timothy, and the quality of hay thus produced is excellent. It is finer and more leafy than Medium Red Clover, although it does not grow so high. It is very fine for honey bees and cattle prefer it to other clovers. Free sample for comparison or large packet, 10c.

Cat. No. 130B—1 lb., 40c (Postpaid); 10 lbs., \$3.00; 1 bu., \$16.50; 100 lbs., \$27.00

Mammoth Red Clover

This is also called Sapling or Pea Vine Clover. It greatly resembles the Medium Red, but grows coarser and more vigorous. It is the best clover for pasturage, as it will produce an enormous yield and is of the highest feeding quality, but not as desirable for hay. Specially desirable for hog pasture. You can enrich your soil more cheaply by sowing Mammoth Clover and plowing it under than in any other way.

Read about our pure clover, alfalfa and other Legume inoculator on page 101.

Cat. No. 131B—Write us for prices.



Selected White Dutch

Extra Selected White Dutch

It is used very much with grass seed for lawns. It spreads very rapidly and acts as a binder. It is very hardy and is of great value in permanent pastures, as it affords a most nutritious food for sheep and cattle. Sow 6 lbs. per acre. Free sample for comparison or large packet, 10c.

Cat. No. 132B—1 lb., 65c (Postpaid); 10 lbs., and upward, 55c per lb.

Bowman's Extra Special

Selected Alsike Clover. Just the thing for pasture; convert your sloughs into a rich Alsike pasture; you can do it; it makes great hay and feed. We sell only one grade of Alsike; absolutely the best.



"CLOVER" THE GREAT SOIL BUILDER

You must grow clover—you can't afford to do without it.—It enriches your land.—It feeds the soil nitrogen.—Legumes are absolutely necessary in the rotation of crops in order to maintain the fertility of the soil.—Pure seed is all essential. Send your order to us and get the best.



Galloway Bros.-Bowman Co. Waterloo, Iowa, U.S.A.



The GRASSES

Rye Grass

ENGLISH OR PERENNIAL RYE GRASS (GALLOWAY-BOWMAN'S SELECTED)

This is the regular perennial variety which so many people really want when they order rye grass, but not knowing the difference, order the Italian Rye Grass instead. We are handling but one variety—the kind that most everybody wants. You will make no mistake by ordering from us if you want the real Perennial Rye Grass, which is so valuable as a pasture grass, producing as it does an abundance of foliage which will remain bright and green throughout the season. The hay is much relished by all kinds of stock. This is the real Perennial Rye Grass which is such a favorite (when the right one is secured) for lawn purposes, furnishing a green lawn which continues to come on until finally the blue grass takes possession.

Cat. No. 128B—1 lb., 25c (Post Paid); 10 lbs. \$1.00; 25 lbs., \$2.30; 100 lbs., \$9.00.

Red Top Grass (Solid Seed)

GALLOWAY-BOWMAN'S FANCY RE-CLEANED (42 LBS. TO BU.)

We stock only one grade of Red Top, positively the highest. We do not stock the unhulled or chaff grade which is always so unsatisfactory. Our high grade seed will produce a dense growth of velvety turf. Very valuable as a permanent pasture grass. It withstands the cold of the Northern States and can be depended upon to flourish almost anywhere. Specially suitable for growing on damp lands. Only ten pounds needed to sow an acre.

Cat. No. 129B—1 lb., 30c (Post Paid); bu., \$9.00; 100 lbs., \$20.00.

Timothy

GALLOWAY-BOWMAN'S PURE TESTED TIMOTHY

Timothy is too well known to require any elaborate description, only let us remind you that there are very many inferior dirty grades of this very useful grass on the market, some of which if sown would soon destroy your land, for it would speedily become a weed patch.

We offer only the purest seed procurable and of the highest standard of growth. Our stock is limited and we strongly urge upon our customers to let us know their requirements as early as possible.

Cat. No. 130B—Samples and Prices on application.

Kentucky Blue Grass

GALLOWAY-BOWMAN'S SELECTED

Our stock of Kentucky Blue Grass is unequalled for purity and productiveness. Its germinating power is the highest possible and it is absolutely free from all obnoxious weeds. Kentucky Blue Grass should not be covered. It germinates much better if merely rolled after sowing. Sow about 3 bushels to the acre.

Cat. No. 131B—1 lb., 30c (Post Paid); 1 bu., 14 lbs., \$2.50; 100 lbs., \$16.00.

Orchard Grass

GALLOWAY-BOWMAN'S SURE-CROP ORCHARD GRASS

This is a very early grass and particularly adapted to shady places. It is a valuable grass for both pasture and hay land because of its most favorable growing qualities. Generally more than one crop can be obtained for hay purposes in a single season, after which there is a heavy growth of after-math which gives an abundance of rich pasture until late in the Fall. It grows in tufts; stands drought well and is very hardy. This grass is used to a very large extent for groves and orchards and all shady places. This is a grass that has not been fully appreciated, but is rapidly gaining the recognition that it deserves. Sow 22 lbs. to the acre when alone, or proportionately with other grasses.

Cat. No. 132B—1 lb., 30c (Post Paid); 1 bu., \$3.00; 100 lbs., \$18.00.



Timothy



Orchard Grass



Red Top



Kentucky Blue



Pure Genuine and Unadulterated Seeds that Grow



Galloway-Bowman's Nonesuch Bromus Inermus

(Awnless Brome Grass)

Yields abundant crops of hay and affords early pasturage. It is a very prolific grower and is especially desirable for permanent pasture and hay ground. Its drought and frost resisting qualities are quite remarkable. It starts early in the Spring and affords an abundance of nutritious feed much earlier than the ordinary native prairie grass. It is considered about equally nutritious with timothy. It will grow under conditions that are very dry and will stand to a remarkable extent, being covered with water in the early Spring.

The Spring is one of the best times for sowing, however, it can be sown at most any time of the year. A nurse crop can be used, but if so it should be used sparingly.

Brome grass is inclined to start slowly so that the farmer should not be too hasty in concluding that he has failed to get a stand.

This grass has many desirable qualities.

Cat. No. 135B—Price; 1 lb., 30c (Postpaid). By express, 20c per lb. 100 lbs., \$12.00.

Sand Vetch

A fine plant for improving poor, sandy or gravelly soils and increasing their productive-ness. A very valuable forage plant and is rapidly becoming more popular each year, as the farmers of this country are learning more of its great value. It is very hardy, is valuable as a winter cover crop to prevent leaching, and for forage and fertilizing purposes. It is an annual, but re-sows itself and will come up year after year on the same ground. It succeeds well on nearly all soils and thrives surprisingly on poor, light land, and will endure extremes of drought, heat and cold. It improves the soil, being a great nitrogen gatherer. The roots beat innumerable nodules of nitrogen-gathering bacteria. These take the nitrogen from the air and restore it to the soil, where it is so much needed. It belongs to the pea family, but the vines are much longer and the foliage is more abundant. It may be sown either in the spring or fall with about half a bushel of rye or oats for support. It grows rapidly and is particularly valuable in sections where clover does not thrive. In the North it remains green all winter under the snow and it is invaluable for early pasturing or soiling. The Department of Agriculture estimates the value of this Vetch unplowed under equal to commercial fertilizer at the rate of from \$16 to \$40 an acre. When sown in August or September it covers the ground before frost and prevents leaching of the soil during the winter and spring. When sown in April or May it can be cut in July, the second growth affording excellent pasture during the summer. The yield of green fodder is from twelve to twenty tons an acre. This may seem to be an exaggerated statement, but when the amazing stooling propensities of this plant are taken into consideration the yield is readily accounted for. As many as twenty long vines spring from each root. When raised for hay it should be left standing until some seeds have become well formed. We specially urge farmers of the Northwest to try Sand or Winter Vetch. Not only does it produce an enormous amount of very valuable feed, but it at the same time restores to the soil a great amount of fertility, which is so much needed. It will not disappoint. Plant at least an acre this season. 1 to 1½ bushels of seed required to the acre.

Notice what we say on page 101 about Nitrogen. We sell it for inoculation. It's a great success.

Cat. No. 136B—Large pkt., 5c; 1 lb., 25c (postpaid). By freight, 1 lb., 15c; 10 lbs. at 10c; bu., \$6.40; 100 lbs., \$10.50.

Cow Peas (New Era)

There are quite a large number of Cow Peas offered by seed houses, but there is not a more reliable variety anywhere than the New Era. It is much more productive than any of the old class and is specially suited to the Northwestern States owing to its hardiness. In the Cow Pea we have a fertilizer and a food at the same time. The Cow Pea is one of the most useful annual forage crops. In the first place it grows in hot weather when it is desirable to have the ground covered. Its long tap root penetrates the sub-soil, loosening it and making it more porous; the absorption of the free nitrogen makes it of great service; it provides splendid forage; it may be used as a cover crop; the roots and stubble are left as additions to the soil, always causing considerable improvement. It has strong roots and heavy foliage possessing great fertilizing powers. It draws its nourishment very heavily from the air, and returns it in a rich measure to the soil, thereby enriching it to a degree that is remarkable. If not desired as a fertilizer it makes a fine fodder for cattle. The Cow Pea ranks very high as a soil enricher, gathering immense quantities of nitrogen from the atmosphere. The ripe peas contain no less than 18½ per cent of digestible protein. The vines, properly cured, are a most valuable fodder for cattle and sheep, being richer in protein and fat than the best clover hay. If desired, the pods may be harvested for the grain and the vines plowed under to fertilize the soil. The seed or grain is ground and used for feed, the leaves and stalks also make good fodder fed green. Poor sandy soil may be greatly improved by plowing under a crop of cow peas and thus made into a fertile loam. If wanted to plow under as a fertilizer, sow with a drill, in drills a foot apart. If grown for seed, plant 3½ feet apart and 1 foot in the row, and cultivate thoroughly, using 25 pounds of seed per acre. Read pages 101 to 104 on inoculation.

Cat. No. 137B—1 lb., 20c (postpaid); 1 pk., 75c; 1 bu., \$2.50.

Speltz or Emmar

Speltz have come very rapidly to the front during the past few years, owing to their extreme usefulness and heavy productiveness. It has the reputation of thriving under almost any soil, condition or location. They do well on poor soil; they resist drought; endure a fair degree of frost; are not easily damaged by rains; is rust-proof, yields heavier than either wheat, oats or barley. The straw can be used for fattening stock.

We strongly urge those who have not previously given Speltz a trial to do so this season; it is one of the best paying crops.

Professor Shephard, of the South Dakota Experiment Station, states:

"It is readily eaten by all kinds of stock and has shown itself to be especially adapted when fed to milch cows. It is better to mix it, however, with bran and shorts, as it is a pretty heavy feed when fed alone. As a swine feed, we think very well of it, indeed, especially for brood sows.

"Horses do well on it, but I do not think it is equal to oats in that case. Its most striking value is found in the fact of its drought-resistant qualities."

The United States Department of Agriculture has issued a bulletin on Speltz, commending it highly, and the introductory paragraph of that bulletin states:

"The extremely variable conditions in some of our western states have made it desirable to give particular attention to crops resistant, especially to cold and drought. Among such crops Emmar holds high rank and should become one of the prominent crops for stock feeding.

Cat. No. 138B—Per bu. (40 lb.), \$1.00; 3 bu., \$2.50. Ask for special price on larger quantities.



German Millet

German or Golden Millet (True Southern)

This grows very rank and is one of the best varieties for hay or fodder. On good rich soil it will make a growth of 4 to 5 feet high, and although the hay may seem coarse, yet it is so tender that if cut at the right stage, which is when in full bloom, even the hogs will eat the cured hay quite greedily. A yield of 5 tons of hay per acre is nothing unusual.

Cat. No. 140B—I lb., 20c (postpaid). Express or freight, ¼ bu., 65c; ½ bu., \$1.50; 1 bu., \$2.00; 100 lb., \$3.90.

Hungarian Millet

(Dark Seed) Often called Hungarian Grass. Many regard this as being better even than German Millet, as it is about one week earlier and requires less moisture. The hay is fine and of excellent feeding value.

It is especially valuable on account of requiring such a short season to make a fine crop of most excellent hay. For this reason it is much used as a catch crop. It can be sown as late as the 4th of July with good results in ordinary seasons. It is much used for following such crops as early potatoes and barley for a crop of hay, thus giving two crops on the same land in one year. Hungarian Millet does not grow so coarse as some other varieties, but still yields quite heavily, from two to four tons of hay to the acre being an ordinary crop. Hay is quite leafy, of very fine quality.

Cat. No. 141B—1 lb., 20c; (postpaid). Express or freight, ¼ bu., 65c; ½ bu., \$1.50; 1 bu., \$2.00; 100 lbs., \$3.90.



Southern Sugar Cane

Russian Flax (Northern Grown)

PURE, GENUINE AND UNADULTERATED

When sowing flax seed be sure you get it absolutely pure. There is perhaps no seed more liable to be impure than flax. Quite 75 per cent of the samples sent in to us have contained a very large percentage of foreign seed, principally wild mustard. No practical farmer requires to be told by us what it would mean to his farm if he were to unknowingly sow down a few acres of flax that contained wild mustard seed. To sow mustard seed is to reap the whirlwind. If you are sowing down seed this season let us caution you to be sure to get reliable Northern Grown Seed, pure, plump, and of high germinating power. All our seed is thoroughly re-cleaned and tested and can be depended upon to produce the highest yields.

Cat. No. 142B—Per 1 lb., 20c; 3 lbs., 45c (postpaid); pk., 90c; 1 bu., \$3.25; 2 bu. or more, \$3.10 per bu.

Ask us for special prices on large quantities.



Field Peas

Canadian Field Peas

GALLOWAY-BOWMAN'S SELECTED

Every year there is more inquiry for Field Peas. They stand in the front rank as a fodder, especially for hogs. They can be fed green or dry. They will grow on land that will not produce clover. Sow 1½ to 2 bushels to the acre, or, if with oats, sow 1 bushel of each. Pea and oat hay is commonly known among our best dairymen as a very valuable feed which in many cases cannot be equaled in any way. It is highly important that your Field Peas be of the right quality and good germination. We offer you but one kind—the best.

Cat. No. 143B—Price, Yellow, ¼ bu., 60c; 1 bu., \$2.35; 100 lb., \$4.00.

Special prices on larger quantities.

Sorghum or Sugar Cane (Fodder)

We most earnestly urge upon the farmers all over the Northwest the real importance of growing Sorghum. There is a wide range of uses to which it may be put, and is of great value in each case. As a soiling crop, Sorghum will always prove valuable, because at least two crops can be raised from one sowing. Milch cows are very fond of it, and for milk-producing qualities it is excellent, furnishing a large quantity of rich food. As a pasture crop for cattle, sheep and hogs it has no equal. When grazed down it will quickly spring up again, thus a large amount of pasture may be obtained at a season when forage is scarce. As a fodder crop it furnishes an enormous amount of feed, producing a richer and more nutritious feed of greater value than Fodder Corn. Sorghum can be profitably grown in all sections where corn is produced, withstanding drought better than corn. Sorghum has not only taken front rank as one of the greatest forage plants, but is also extensively raised for Sugar or Syrup.

There are two ways in which Sorghum may be sown: one is by broadcast, seeding 1 to 2 bushels per acre, according to the strength of your land. It can be sown any time from the 1st of May to the 1st of July, and can be grown on the poorest land and thinnest soil you have. Sorghum may also be planted with a grain drill, all tubes in use, and 50 to 60 pounds of seed to the acre will usually suffice. When grown in single rows with space between them, a less quantity of seed than above mentioned will be sufficient, depending upon the distance between the rows. Sorghum is generally cut with a mower late in the fall like grass, then cured, which requires a longer time than hay.

Cat. No. 144B—Price 1 lb., 20c (postpaid). Express or freight, 1 lb., 10c; 10 lb., 60c; 100 lb., \$4.00.

Read carefully our four pages on "Nitragin" the famous and only successful Alfalfa, Clover, Peas, and other legume inoculator. It's the genuine Nobbé and Hiltner Process of Germany and enables you to grow alfalfa where you could not grow it before. See page 101.



Pure Genuine and Unadulterated Seeds that Grow



RAPE—True Imported Dwarf Essex Rape—RAPE

Imported by Us Direct from Essex, England

HAVE you ever tried it?

If you have, then it is not necessary for us to impress upon your mind the splendid return that can be had with such little outlay of expense—just like finding money.

If you have never tried Rape, then we certainly must take this opportunity to call to your attention what you have been missing.

Rape is especially relished by hogs and sheep, and when you stop to think about it the entire returns can just be considered that much actual profit because the outlay of expense is practically nothing.

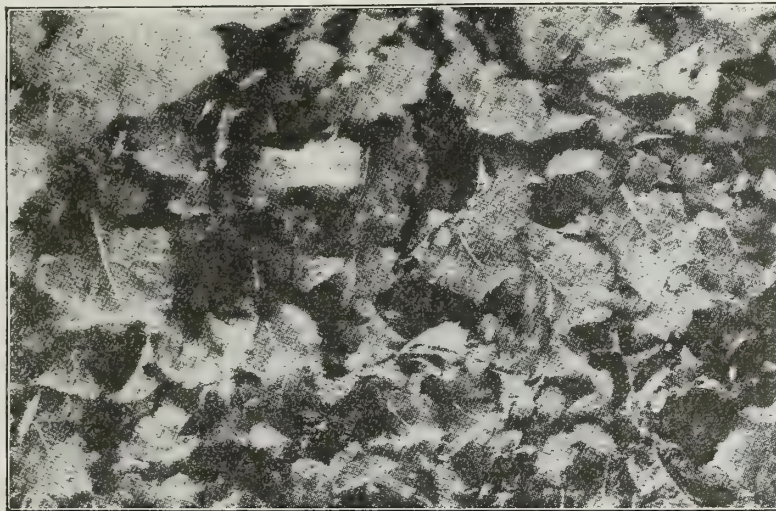
Take, for example, the putting of Rape along with the oats. It is certainly a splendid way to get an abundance of feed for practically nothing because it really costs you nothing when you come to think about it.

There are two ways of putting Rape in with the oats—first, if you are putting the oats on a piece of high land, then it will be all right to put 5 to 6 pounds of Rape seed to the acre at the same time you put in your oats. They can be sown just at the same time if the field is well drained as above referred to. You will be surprised when it comes time to cut the oats to find that the Rape seed had hardly made much of a start yet and they interfered not at all with the binding of the grain. But in a week or ten days' time after the oats are in the shock then you will be delighted to find your field a mass of green feed that will just simply be "apple pie for the sheep and hogs."

Now, then, the other way for putting the Rape seed in along with the oats is as follows—especially if the land is inclined to be low and particularly rich it will be best for you to put your oats on without the Rape seed and then go on this piece of ground about a week or ten days afterwards and put on the Rape. This may just be put on broadcast or of course it could be drilled—either way will get the results. In this second case the reason for waiting is that in case your ground is especially rich or inclined to be a little damp it might be possible that the Rape seed would take a greater growth than would be desirable so that you might cut some of the Rape plants at the time you were cutting the oats; however, if you wait a week or ten days before putting on the Rape as here suggested you will find that there will be no difficulty at all from this source and you certainly will have to be delighted with the abundance of very excellent feed that is so greatly relished by your stock and which, by the way, you will see here has cost you practically nothing.

Another way very commonly followed by many of our farmers is to put the Rape seed into the cornfield just before laying the corn by.

Many of our farmers have been doing this as a common



practice for years, and you will see them, just before laying the corn by, take one of the old faithful farm horses, jump on his back and then go down through the field scattering the Rape seed (you see this is a good way because you are then up higher than the plants).

Of course it is a good plan to put some sort of a hood over the horse's ears so that the Rape seed will not go down in his ears and cause trouble (might upset you, for example).

This makes a splendid cheap feed for the young lambs, which can be turned right in the corn field and eat the lower leaves of the corn—the weeds that appear here

and there—and better than all the abundance of Rape which they relish and are indeed very fond of. Turn the young pigs in—the way they will go after that Rape will do your heart good and being youngsters they will not bend the stalks over to get the ears of corn. This is a splendid way of keeping the youngsters healthy and in a very thrifty condition.

While the returns from Rape thus used are such that you cannot afford to do without it, yet at the same time it must be remembered that the quality of the seed you use will have considerable to do with the crop of Rape that is to follow.

Be sure and get the pure, genuine, unadulterated Dwarf Essex Rape Seed such as is sold by the Galloway Bros.—Bowman Co. Take no chances in getting an inferior product, because the best is none too good and our price you will see is just the lowest that it possibly can be and at the same time sell you the quality of goods such as you can always expect to receive when sending us your order.

Many of our farmers figure returns to the extent of at least \$4.00 to \$6.00 per acre every year on the ground they put in Rape as above suggested—can you afford to be without it? Try some of it this spring.

Order now—get your order in to us while our supply lasts, because we are not sure that we can duplicate the quality that we have now and the best is none too good—mail us your order today, even though you do not need the seed until later on, because we will put the seed away for you and ship it any time you wish.

Can you afford to lose from \$4.00 to \$6.00 per acre when it can be had with such little outlay of expense and trouble? Certainly not.

Of course not—put in the Rape seed as here referred to—you might just as well have the increased profit as not and it would be folly to do without it.

Cat No. 147B—Prices: 1 lb., 30c; 3 lbs., 60c (postpaid). By express or freight: 1 lb., 15c; 10 lbs., \$1.25; 25 lbs., \$2.75; 50 lbs., \$5.00; 100 lbs., \$9.00.

Kaffir Corn

A remarkable forage plant that is now being grown in all sections, producing two to four heads per stalk, stands drought well and produces two crops of fodder in a season: good for cattle, dry or green; relished by all kinds of stock. The seed crop is very heavy, about 60 bushels to an acre. Average height on good land is about 4 to 5 feet. The stalks are very strong, seldom ever blow down, are brittle and juicy; do not harden like some other varieties of sorghum. It can be depended upon to produce a crop under almost any conditions of climate.

For grain sow in rows 3 feet apart, about 5 pounds of seed to the acre. For fodder sow 25 to 50 pounds of seed, either broadcast or in drills.

Cat. No. 146B—1 lb. 25c (postpaid); 10 lbs., 50c; 50 lbs., \$1.50; 100 lbs., \$2.70.

Sunflower

GALLOWAY-BOWMAN'S MAMMOTH RUSSIAN—A great favorite for both the poultry raiser and the hog raiser. It is hardly necessary to call the attention of the poultryman to the egg-producing properties of sunflower seed. It contains a large percentage of protein, very fattening, and a heavy yielder. The plants will range from 6 to 10 feet high, heads large and well filled. You will find it relished very much by the hogs and poultry.

Cat. No. 148B—Price, 1 lb., 25c; 10 lbs., \$1.00; 25 lbs., \$2.25.

Gatchellville, Pa., 8-28, 1912.—The garden seed we bought of you last spring, all grew and produced remarkably well. I do not think that there was a seed in the bunch that did not germinate. Yours truly, Mrs. L. M. Brown.



Talk about Mangels! What do You Think of This?

Read this letter over three times, then get out your pencil and figure

Galloway Bros.-Bowman Co., Waterloo, Iowa.

Gentlemen:—I just wish to take this opportunity to say a word with regard to the seeds that I purchased from you last spring.

I have been farming a good number of years and naturally have tried seeds from a great many companies, but I want to say frankly that never in all my experience as a farmer have I heretofore been able to get farm, field and garden seeds that compare with those that I got of you last spring, not only in the quality of the seed itself, but in the splendid results of the crops which they produce.

I never saw such mangels and carrots as those that I produced from your seeds this summer, and I have been raising them for years. Really, I want to say to you that some of my neighbors have said that they could not have believed had they just been

merely told of the magnificent crop I raised from the best seed of yours had they not seen the results with their own eyes.

The mangels went better than 50 tons to the acre, actual weight on the scales, and I claim that is going some.

The seeds that I purchased from you last spring were so satisfactory that I could not think of ordering from anyone else because I found everything to be just exactly as you represented to be and to say that I am very pleased is putting it very mildly.

You will not only get my orders but I will gladly take the time to tell my friends and neighbors where to send and get pure, genuine and unadulterated seeds—the best I ever saw.

Very sincerely,

JOHN ALEXANDER,

Manager Iowa Dairy Farm, Waterloo, Ia.

MANGEL WURZEL By Our Seed Expert, Geo. Hall

In our last catalogue our Mr. Wm. Galloway made a personal appeal to the farmers everywhere to put in a patch of our Imported Mangel Wurzel seed. Thousands of farmers answered that appeal and today are witnesses to the fact that there is no more paying crop anywhere than the Mangel Wurzel, but to grow good Mangel Wurzels you must have good seed. There is a whole lot of inferior Mangel seed distributed all over the Continent every year, perhaps you have purchased some and maybe you were so disgusted with the crop that you made up your mind you would quit trying to grow Mangel Wurzels. Now Mr. Farmer let us put you on the right track. You probably did not know when you placed your order for seed that there was any difference in Mangel Wurzel seed. You did not know that in order to grow Mangel Wurzels successfully you must sow Imported seed, but you certainly must or you will be doomed to disappointment.

The Imported Mangel Wurzel seed we offer is grown for us under contract in England by experts in that line. The seed is saved from selected roots only, all of which are transplanted for seed. When selecting roots for seed every care is taken to select only roots that are perfect in every way. They must be perfect shape, even weight, true to color and absolutely free from all signs of disease. So careful are the experts in their work that sometimes a whole acre of land

will only produce a hundred roots considered by them good enough for seed. As a consequence good Mangel Wurzel seed is always a little higher in price than the common seed, but there can be no doubt as to the difference in quality and yield. While the Imported seed will produce from 40 to 80 tons of valuable stock feed to the acre, the common seed will at the best produce only 5 or 6 tons of very doubtful feed, consisting as a rule of small useless Mangels mixed with sugar beets and hybrid table beets.

There are about twenty-four varieties of Mangel Wurzels catalogued by seedsmen, many of which are but strains of the same kind bearing the name of the grower who by careful cultivation has endeavored to improve it. Now we don't offer you two Mangel Wurzels alike, each one is distinct in some way or another. If you are a dairy man then we say to you put in a batch of our Goldfinder Yellow Globe or Giant Golden Tankard; both are excellent for milch cows and are in fact better than any of the other varieties because of their milk enriching qualities. They make more and better cream. They are different only in shape. The Goldfinder Yellow Globe is perfectly round while the Giant Golden Tankard is as its name suggests half long in shape; both are very heavy yielders; under ordinary conditions should yield not less than 40 tons of roots to an acre.



Pure Genuine and Unadulterated Seeds that Grow



The pictures shown at the top of this and the opposite pages are from actual photographs on W. W. Marsh's famous Dairy Farm, Waterloo, Iowa, the home of the famous Guernsey cow, Dairy Maid, of Pinehurst. The four mangels held by Mr. Alexander, the manager, weigh over 20 lbs. each, and this field went 50 tons to the acre. Figure it up yourself at \$10 a ton. Does it pay to put in mangels in Iowa? Be sure and read Mr. Alexander's letter on opposite page. These fields are from our seed, the famous Imported Mammoth Long Red and Golden Tankard Mangels.

Mangel Wurzel—Continued

For hogs, sheep, horses, chickens, ducks, etc., we would urge you to put in the Mammoth Long Red or Eckendorfer Giant Red, both fine roots. They grow to an enormous size. We ourselves have had roots weighing 28 lbs. and over this fall. They yield very heavily. Right here in Waterloo at the Iowa Dairy Farm the mammoth long red Mangel grew 52 tons of splendid roots to the acre as pictured in field above. These were grown from imported seed supplied by us. On the same farm the Goldfinder Yellow Globe did equally as well from our imported seed.

Any land that will grow a good crop of corn will produce a fine crop of Mangels. 40 to 50 tons to an acre is an ordinary yield, while with good culture much heavier yields can be obtained. No crop pays the farmer and stock raiser better. They make the cheapest food for all kinds of live stock. It is claimed that 1 bushel of corn and 2 bushels of Mangels is equal to 3 bushels of corn. Just think of it, Mangels can be raised at a cost of only about 5 cents per bushel. Can you afford to be without them? We think not.



No. 3.

Scene on the Iowa Dairy Farm. Putting up mangels for winter. Imagine a pit 100 ft. long, 4 ft. deep and 16 ft. wide filled to the top with mangels from only a few acres. Imagine what this means to you and your live stock for winter feed. You wonder that some people make a big success of the dairy business and some don't. The answer is easy. The successful man is the mangel grower.

Notice—Read This!

I personally would like to see every farmer who has a few cows, chickens or pigs to put in a patch of mangels from our Fresh Imported Mangel Seed as illustrated on these two pages.

Why? you say!

Here is the reason. Experience has proven that animals, the same as people, demand and need this kind of food. Everybody puts up fruit in the summer time and nothing is relished any more at the table in winter and spring; people crave it and must have it.

It is exactly the same way with chickens, cattle and hogs. Why do some people get more eggs in winter and spring than their neighbors? Just because they feed the chickens what they demand and crave. Your chickens will not do their best on ground feed and dry grain. Give them some good, cheap vegetable to fill in, like mangels. It's exactly the same way with hogs. Many a man has lost his whole herd because he did not provide them with the proper vegetable food. Mangels fill the bill, and the medicinal qualities as well as feeding qualities should be considered.

Now for the cows. A good dairy cow is nothing more or less than a machine turning feed and water into milk. You put up silage for them. It's good and pays, but why not have a bit full of fine mangels to feed them next winter and spring? All up-to-date dairymen feed mangels because it pays. Why not try some this year? In Europe nearly every farmer raises mangels and the up-to-date farmers in the United States are fast finding out their great value. Try enough for at least one acre. It will pay you well. I am going to put in a large patch this spring on my own dairy farm, where I raise Ayershire and Holstein Cattle, Hampshire Hogs and White Leghorn Chickens and I personally want to see every farmer who has cows, hogs and chickens do the same. Try enough for 5 or 10 acres.

WM. GALLOWAY.



Fay Jewel Beauty 59866. William Galloway's famous Holstein Show Cow. Grand Champion of the National Dairy Show 1911. First and Grand Champion Waterloo Dairy Show 1912. Part of the daily bill of fare of this famous cow is mangels and Mastodon carrots grown from Galloway Bros.-Bowman Co. Pure, Genuine and Unadulterated Imported Seeds.

Improved Golden Tankard

Imported European Stock.

This fine Mangel Wurzel is a prime favorite with Dairymen and Farmers in Europe where it is very extensively grown. It combines apparently all the fine points possible to condense into a Mangel. The color is a deep rich yellow, the flesh is firm and solid and a rich golden yellow in color, just the root for your milch cows. A ration or two a day will add richness to the color of your cream and keep your cows in prime condition and in addition will cut down your feed bill to one half. If you are a dairyman you should not miss this opportunity of saving money. Give your stock one-half dry feed and one-half Mangels and just note how they will thrive; it will astound you.

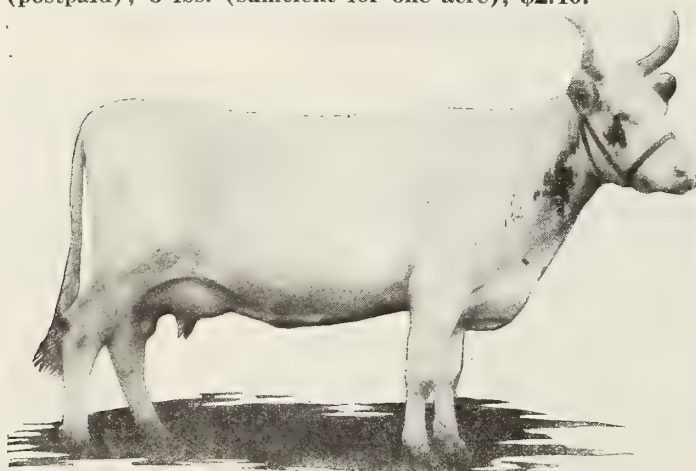
Cat. No. 151B—Price: 1 oz., 10c; ¼ lb., 20c; 1 lb., 50c (postpaid); 6 lbs. (sufficient for one acre), \$2.40, by express or freight.

Eckendorfer Giant Red

Imported European Stock—See Opp. Page.

One of the most popular varieties of Mangels grown in Germany, in which country root crops are grown upon a very large scale. After extensive trials it has proved itself to be a very satisfactory variety for this country. The roots are smooth, long and cylindrical in shape, very much after the style of the Golden Tankard Mangel. They are very heavy, weighing from 16 to 20 pounds each. The flesh is firm, crisp and solid, white in color and of very high feeding value. Like the Mammoth Long Red the roots grow well up out of the ground and are easily harvested.

Cat. No. 152B—Price: 1 oz., 10c; ¼ lb., 20c; 1 lb., 50c (postpaid); 6 lbs. (sufficient for one acre), \$2.40.



Howie's Ladylike Imported, 21432. Grand Champion Waterloo Dairy Show 1911.

Mangels to a cow like this and to any cow on your farm is relished the same as a healthy man would relish a piece of apple pie at the end of a meal.

Why not put in a few acres of mangels and treat your cows to something that will make them give milk?

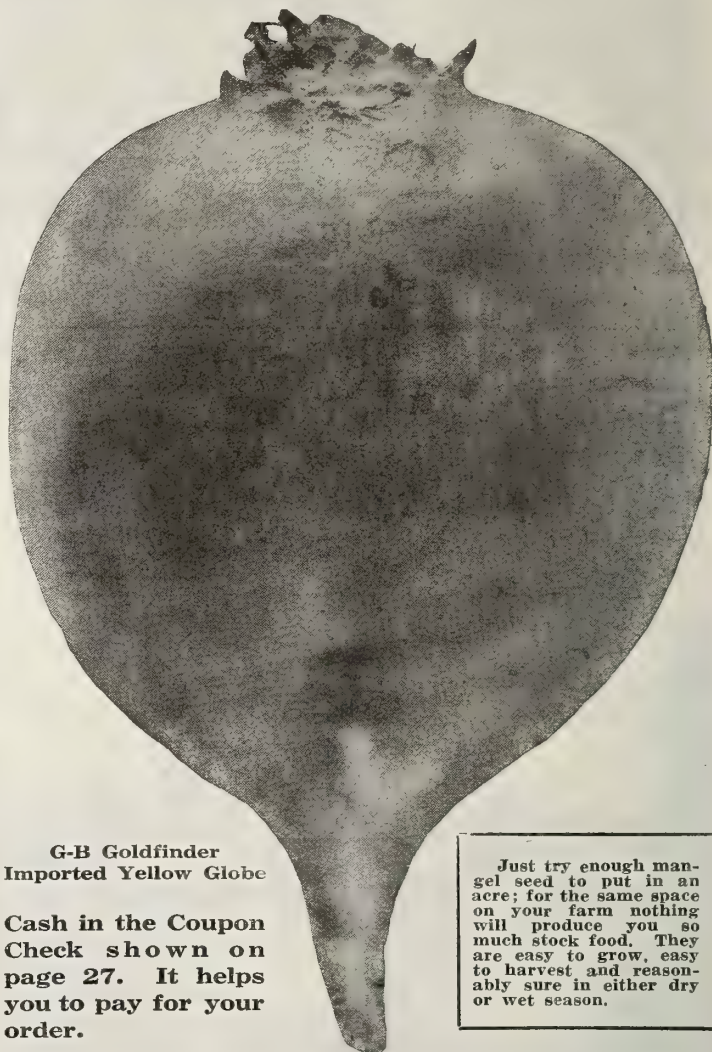
Mangel Wurzels

**Galloway-Bowman's Goldfinder Yellow Globe,
Imported European Stock**

This grand Mangel Wurzel is claimed by expert dairymen to be the best for their purpose. They claim for it that it contains more nutritive matter than any other variety; that it increases the flow of milk, improves its quality and color, keeps the milch cows in good condition throughout the winter and spring.

This variety has a very small top and few leaves. The root is medium sized, globe shaped, has a very small tap root, is free from side roots, grows almost entirely above ground, making them very easy to harvest and specially suitable to shallow ground. The roots are a rich golden yellow color, the flesh is very crisp and sweet. Goldfinder Yellow Globe is a very heavy cropper, 40 to 50 tons per acre being quite an ordinary yield. An excellent keeper.

Cat. No. 153B—Price: 1 oz., 15c; ¼ lb., 25c; 1 lb., 65c (postpaid); 6 lbs. (sufficient for one acre), \$3.40, by express or freight.



**G-B Goldfinder
Imported Yellow Globe**

**Cash in the Coupon
Check shown on
page 27. It helps
you to pay for your
order.**

Just try enough mangel seed to put in an acre; for the same space on your farm nothing will produce you so much stock food. They are easy to grow, easy to harvest and reasonably sure in either dry or wet season.

If you have cows, sheep, pigs or chickens on your place, try some of our mangels for live stock. We make a specialty of mangels, as you will notice in the following pages.

For economy there is no food for live stock like mangels. A very few acres of mangels will give you tons upon tons of the very finest digestible and milk producing food for cows or sheep. There is no waste like there is in corn stalks or fodder.



Pure Genuine and Unadulterated Seeds that Grow



Eckendorfer
Giant Red

Galloway-Bowman Mammoth Long Red-Imported

This is the heaviest yielding of all the Mangel Wurzel, a thousand bushels to the acre being quite a common yield, single roots sometimes weigh as high as 40 lbs. each. Three parts of

the root is above ground making them just as easy to harvest as the Globe type. Our stock is absolutely distinct from the old long red type which was an ugly uneven root. Our Imported Mammoth Long Red produces large, uniformly straight, well formed roots and can always be relied upon to produce a bumper crop of clean, sweet, crisp roots; just the kind of feed that cattle delight in. There have been some excellent crops of this fine Mangel Wurzel grown in Iowa this year. We have had some splendid reports from our customers. At the Iowa Dairy Farm, right here in Waterloo, our Imported Mammoth Long Red Mangel made a yield of between 50 and 60 tons to the acre, some roots weighing up to 28 lbs. each. There certainly is a whole lot of good money in Mangels and we want you to get some of it. Try 5 or 10 acres.

Cat. No. 155B—Price; 1 oz., 10c; ¼ lb., 20c; 1 lb., 50c (postpaid); 6 lbs. (sufficient for one acre), \$2.40, by express or freight.



Dairy Maid of Pinehurst, the famous undefeated World's Champion Guernsey Show and Milk Cow, owned by W. W. Marsh, the great manufacturer, Waterloo, Iowa. Part of the daily ration of Dairy Maid of Pinehurst is pure fresh Mangels and Mastodon Carrots. Read what Mr. Alexander says on page 22.

Galloway-Bowman Sugar Beets

Imported Stock

IMPORTED GIANT FEEDING SUGAR BEET OR HALF SUGAR MANGEL (GALLOWAY-BOWMAN'S SELECTED). Grows almost as heavily per acre as the largest Mangel Wurzel; grows partly out of ground and is easily pulled; a highly profitable variety to grow.

Cat. No. 156B—Price: 1 oz., 10c; ¼ lb., 20c; 1 lb., 50c; 5 lbs., \$2.00.

IMPORTED KLEIN WANZLEBENER (GALLOWAY-BOWMAN'S SELECTED). One of the greatest milk producing roots in cultivation. While the yield is not perhaps quite equal to the largest Mangels, yet the feeding value is so much superior that every stock raiser should plant liberally of this grand stock.

Cat. No. 157B—Price: 1 oz., 10c; ¼ lb., 20c; 1 lb., 50c; 5 lbs., \$2.00.

IMPORTED VILMORINS IMPROVED WHITE (GALLOWAY-BOWMAN'S SELECTED). Of medium size and brought by careful selection to the highest perfection, both in shape and color of roots; one of the finest for stock feeding owing to the high percentage of sugar it contains.

Cat. No. 158B—Price: 1 oz., 10c; ¼ lb., 20c; 1 lb., 50c; 5 lbs., \$2.00.



Jersey cow owned by R. H. Shoemaker, Waterloo, Iowa, manager of Kimball's Dairy Farmer, the famous dairy publication of Waterloo. Mr. Shoemaker like all other dairy men believes in mangels.



Galloway Bros.-Bowman Co. Waterloo, Iowa, U.S.A.



An Actual Photograph Taken on Wm. Galloway's Farm.

Look at this picture

It was taken right on Wm. Galloway's farm and shows an automobile piled high with Mastodon Carrots and Mangels. It also shows two of Wm. Galloway's prize winning Holstein cows. These cows were kept healthy on Mangels and Mastodon Carrots all during the winter time and on our Prime Alfalfa.

This is \$500 an acre land and it is only a short distance from the city limits of Waterloo, but even on this high priced land it is easy to make farming pay if you raise the right kind of stock and raise the right kind of stuff to feed such as mangels, Mastodon carrots and alfalfa.

Mastodon carrots from our imported seed on this farm last year went over 40 tons to the acre. We have, however, records of where it has gone even higher. Our mangels went over 40 tons to the acre from Galloway Bros.-Bowman Co. imported seed, and we have a large quantity of them in our storage pit which will provide luscious feed for the milk cows until grass comes.

I want to see every dairy man in this country; in fact, every man who owns one or more cows try enough Mastodon carrot and mangel seed to put in two or three acres next year. It will bring him big returns. With this seed properly put in and cultivated any farmer can produce fabulous returns. Mangels and carrots are worth from \$7 to \$10 a ton. Figure it up for yourself at 40 to 50 tons per acre. My personal advice to you is to buy enough of our imported Mastodon carrot and mangel seed to put in at least from one or five acres this coming year.

Galloway's Mammoth Mastodon Carrot

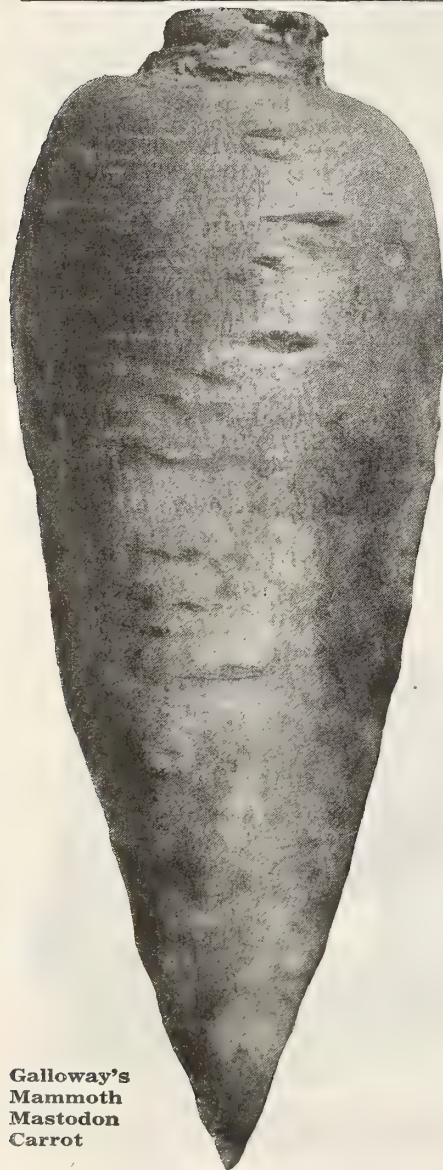
This Seed Imported from Europe

"The best of all stock carrots."

This carrot is without doubt the most productive variety for stock. They yield immensely, a thousand bushels an acre being reported by growers. The quality of Mastodon carrot is A1. In size they often attain to 5 and 6 pounds each in weight. The shape of Mastodon carrot is such that it is easily harvested by hand, being a stout conical root with a heavy shoulder and scarcely any lateral roots. They do not break easily in pulling or while being handled. Our own stock of Mastodon carrot grown on our experimental farms at Waterloo are a sight worth going miles to see. They are a revelation to all who have seen them. Their weight, color and perfectly uniform shape attracting every one's attention.

If you are a stock keeper you cannot afford to be without an acre or more of this very valuable stock feed.

Cat. No. 160B—Price: Pkt., 5c; 1 oz., 15c; ¼ lb., 45c; 1 lb., \$1.50 (postpaid).



Galloway's
Mammoth
Mastodon
Carrot

EASY TO GET SEED BY MAIL

Now-a-days with the rural free mail delivery calling practically every day at your place, the Parcels Post and the fast mail trains regularly leaving Waterloo, brings our great stock of pure, genuine and unadulterated seeds practically at your door. It is only a matter of a short time from the day you fill in the order until you receive a parcel of our unexcelled Field, Farm Garden or Flower seeds.

HOW TO ORDER

Be careful to sign your name, postoffice, county, and state on each letter you send us. Cash should accompany order. You may remit at our risk either by postoffice order, bank draft, express order or cash by registered letter, or send us your own personal check. We will take it at par. Small amounts can be sent in postage stamps when not convenient to send anything else. Silver or coins should be sewed or pasted in cloth or pasteboard to prevent breakage through the envelope and then it should be registered. Do not send money loose in a letter. It is not safe.

Where your railroad station is different from your postoffice state the fact in the proper space on order blank.

Always list the varieties you want together with quantity of each, and carry out catalog prices as space provides.

Use our order blank always, if possible. If you run out, and want another, don't hesitate to write us, and we will be pleased to send it to you.

NO RISK

is run in sending cash with order. You can look up our rating in the commercial agencies, write any bank in Waterloo or read the bank letters in back of catalog, or you may make inquiry through your own home banker.

We guarantee safe delivery of seeds. The percentage of losses in the mails are very, very small. However, shipments quite often get lost by freight and express. In this case, we will make duplicate shipments, stand the loss ourselves, and go after the express or railroad company and try and make our collection without any effort or expense on your part.

Prices named in our catalogue are postpaid on all seeds in one ounce, one-fourth pound, one pound, and pint packages. Packages larger than these, however, like quarts, pecks and bushels, are quoted f. o. b. Waterloo, but at a much lower price in proportion and will be sent by express unless otherwise ordered.

NO CHARGE

for packing or shipping made by us in either packets, bags or boxes. All grass seed bags, oat bags, and grain bags furnished free, except clover and Timothy as they require very close woven bags and we charge you actual cost as quoted with prices.

ORDER EARLY

Please don't wait until the eleventh hour to order your seeds. We would suggest and advise you to fill out the order blank now while you have the time and while the catalog is in your hands and it will enable us to serve you better.

KEEP A COPY OF YOUR ORDER

Check goods received with this copy. Sometimes items are sold out and will follow later in which case a slip is enclosed with other goods or notice sent.

Mistakes sometimes happen in the very best regulated organizations, and if they do, don't hesitate to write us, and we will promptly rectify anything that is not right.

We guarantee our seed to be pure, genuine, and unadulterated and upon receipt of same if they don't please you in every way and come up to your expectations after the closest inspection and comparison with other seeds, notify us so we can make a record of it on our records. Then we will have you return same and will cheerfully refund your money and pay transportation charges both ways.

NOTICE--IMPORTANT

Seed crops of all kinds have been short all over the world and on many items the supply is almost a famine. The result is good seed is scarce. You simply cannot get first class, high grade seed at low prices.

LISTEN!! Read This Twice

Cash in the Coupon Check NOW, TODAY

To the Housewife, the Boys, the Girls, the Gardener, Everybody.

Great Special Introductory Discount

Cash the Coupon Check in Now. It Counts Just the Same as Money

Do it today. Don't put it off, because if you put it off you might forget about it after it is too late.

All you have to do is simply pin the coupon check to your order, and it will be accepted by us just exactly the same as cash money, according to the size of your order.

For example:

If you order \$1.25 worth of flower and garden seeds in packets only the coupon check counts as 25c in part payment.

If you order \$3.25 worth of vegetable or garden seeds in any quantity, packets, ounces, or any size, the coupon check counts as 50c.

If you order \$4.75 worth of vegetable or garden seeds in packets, ounces, or in any quantity, the coupon check counts as 75c, and so on.

Read the coupon check over carefully, study it over. It explains everything fully. It counts on our nursery stock as well as vegetables and garden seeds at the same time.

This is the coupon page we have referred to in the catalog from time to time. You can't afford to lose the money.

For example:

If you order \$6.50 worth of vegetable and garden seeds and \$10.00 worth of nursery stock making a total of \$16.00 simply send us \$14.00 and the same coupon check will count for \$1.00 on seeds and \$1.00 on nursery stock.

This is to introduce our seed and plants in your locality, and it counts just exactly the same as so much cash on your order.

It is also designed so as to get one order from you. We want one order from you just to show you that our seeds and nursery stock are different. The seeds are Pure, Genuine and Unadulterated. The nursery stock is fresh, clean and true to name. If we get this one order we positively know it will speak for itself in such a way that we will get your future orders.

Make your order out tonight. Cash in the coupon check now and you will be pleased with the result.

GREAT FOR NURSERY STOCK		EVERYBODY CASH THIS IN REAL MONEY ON YOUR ORDERS		OFFER FOR GARDEN AND FLOWER SEEDS	
ONLY WHEN PINNED TO AN ORDER FOR PLANTS 25¢ WHEN PINNED TO YOUR ORDER FOR \$2.50 WORTH OF OUR NURSERY STOCK		COUPON CHECK Galloway Bros Bowman Co Cereal Breeders and Growers		ONLY WHEN PINNED TO AN ORDER FOR SEEDS 25¢ WHEN PINNED TO YOUR ORDER FOR \$1.25 WORTH OF Our Garden and Flower Seeds	
50¢ WHEN PINNED TO YOUR ORDER FOR \$5.00 WORTH OF OUR NURSERY STOCK		WATERLOO, IOWA. 191 PAY TO THE ORDER OF _____ (FILL YOUR NAME HERE)		50¢ WHEN PINNED TO YOUR ORDER FOR \$3.25 WORTH OF Our Garden and Flower Seeds	
75¢ WHEN PINNED TO YOUR ORDER FOR \$7.50 WORTH OF OUR NURSERY STOCK				75¢ WHEN PINNED TO YOUR ORDER FOR \$4.75 WORTH OF Our Garden and Flower Seeds	
\$1.00 WHEN PINNED TO YOUR ORDER FOR \$10.00 WORTH OF OUR NURSERY STOCK		GALLOWAY BROTHERS-BOWMAN COMPANY This Check is Good for Either Seeds or Plants or Both according to Your orders as per Conditions Advertised		\$1.00 WHEN PINNED TO YOUR ORDER FOR \$6.50 WORTH OF Our Garden and Flower Seeds	



Galloway-Bowman's Great Collection of Vegetable Seeds

(See Opposite Page)

Owing to the extraordinary demand for our \$5.00 collection last Spring we have decided to put up collections this season in various sizes so as to meet the requirements of all classes of our customers. Our \$5.00 collection was made up specially to meet the Farmer requiring sufficient vegetables through the Summer and Fall for his family and hired help. This collection we will offer again together with other collections suitable for every garden large or small. See opposite page.

The average farmer is a busy man. He has plenty to do and plenty to think of. Nobody realizes this any more than Galloway Brothers and Prof. Bowman, who likewise are engaged in the same occupation—farming. The other day in a conversation between Mr. Wm. Galloway and Mr. Geo. Hall, our vegetable and garden seed expert, Mr. Galloway asked this question:

"Mr. Hall, why wouldn't it be a good idea for you to sit down and pick out a collection from our seeds of what would be required on the average farm, as there are many farmers who are so busy they don't have time to spend two or three hours going through a catalog picking out what they want? Why can't you sit right down and figure out just what the average farmer ought to have, with variety enough to give him a wide diversion and yet not too much, make these prices right down as low as possible, and on certain things that you know the farmer needs a quantity of, like beans, peas, etc., put in pints and quarts instead of packets or ounces?"

The result was after spending a day going through the catalog, Mr. Hall succeeded in getting together for \$5.00 just about everything that any farmer would want on his farm, or for his garden.

There is not one thing here that he can't use. There is no waste in this collection. There is not too much and there is not too little of any one thing, because Mr. Hall has been a vegetable seed expert and gardener all his life and knows just about what ought to be raised on the average farm to provide plenty of fresh vegetables throughout the entire garden season.

Just go over this list and check it up for yourself. If you are in a hurry and haven't much time to make the selection yourself, you will not go wrong by sending in \$4.00 and we will send this entire collection to you express or mail prepaid. Or if you wish to add a few more to this same collection, all right, add a few more if you wish, at regular prices in catalog, and we will be very much pleased to send them to you with the collection.

Now it is not customary for seedmen to give discounts on anything except packets. However, as we have this collection all packed and ready to ship out on a moment's notice, specially selected from our very best varieties, and packed during the slack season, and in order to introduce the Galloway Bros.-Bowman Company seeds, if you will cut out the enclosed coupon and send in \$4.00, we will honor the coupon, to introduce this collection, the same as \$1.00 in money.

Can you beat it?

Remember this is a close price when you consider the quality of the seeds, but we don't know a better way to get our pure, genuine and unadulterated seeds before the people.

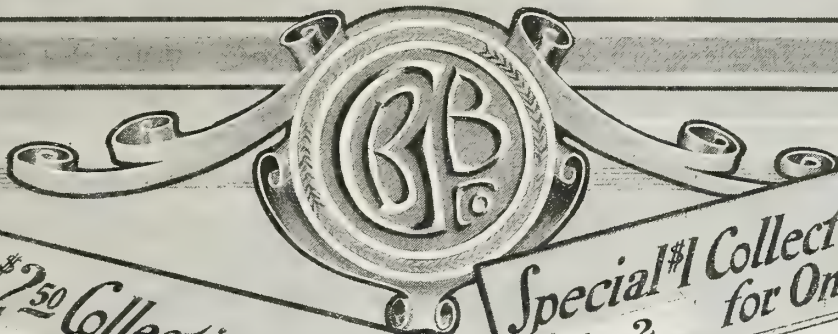
You can't go wrong on this selection, because it has been selected by a man who knows how.

A small investment of this kind for the right kind of seed will cut your grocery bill down wonderfully this summer, and give you first-class food for hot weather for the entire family and the hired men.

Don't overlook the importance of the garden if it is run right and planted with the right kind of seed. Pure, Genuine and Unadulterated.

Read Page 27. It Tells You How to Cash in the Coupon Check.

Special Farm Collection of Vegetable Seed



Special \$2.50 Collection No. 1 for Only - \$2.00

1 large pkt. Beans, Improved Stringless Green Pod.....	\$0.10
1 pt. pkt. Beans Improved Golden Wax.....	.25
1 oz. Beet Galloway-Bowman's Perfection.....	.10
1 large pkt. Cabbage, Imported Holland.....	.10
1 large pkt. Celery, Solid Crystal Hollander.....	.15
1 oz. Carrot, Imported Champion Pickler.....	.20
1 large pkt. Corn, Stowell's Evergreen.....	.10
1 large pkt. Lettuce, Grand Rapids.....	.15
1 large pkt. Musk Melon, Rockyford.....	.30
1 oz. Onion, Southport Red.....	.05
1 large pkt. Parsley, Champion Half Long.....	.05
1 large pkt. Parsnip, Waterloo Marrow.....	.30
1 pt. Peas, Little Gem (first Early Dwarf).....	.05
1 oz. Radish, French Breakfast.....	.05
1 large pkt. Squash, Warted Hubbard.....	.05
1 large pkt. Tomato, Galloway-Bowman's Matchless.....	.10
1 oz. Turnip, Purple Top Strapleaf.....	.10

Special \$1 Collection No. 2 for Only - \$1.00

1 large pkt. Golden Wax Beans.....	\$0.10
1 large pkt. Beet, Crimson Globe.....	.05
1 large pkt. Cabbage, Early Winningstad.....	.05
1 large pkt. Carrot, Chantenay.....	.05
1 large pkt. Sweet Corn, Golden Bantam.....	.10
1 large pkt. Lettuce, Prizehead.....	.05
1 large pkt. Water Melon, Ice King.....	.10
1 large pkt. Onion, Southport Red Globe.....	.05
1 large pkt. Peas, American Wonder (dwarf).....	.10
1 large pkt. Radish, Crimson Globe.....	.05
1 large pkt. Tomato, Dwarf Champion.....	.10
1 large pkt. Turnip, Early Snowball.....	.05
1 large pkt. Celery, Solid Crystal White.....	.10

Special \$5.00 Collection No. 3 for Only - \$4.00

1 pt. Beans, Galloway-Bowman's King of the Limas.....	\$0.28
1 pt. Beans, Galloway-Bowman's Improved Stringless Green Pod.....	.28
1 pt. Beans, Galloway-Bowman's Improved Golden Wax.....	.25
1 oz. Beets, Galloway-Bowman's True Imp. Hollander.....	.10
1 large pkt. Cabbage, Galloway-Bowman's Early Winningstad.....	.10
1 large pkt. Celery, Galloway-Bowman's Golden Blanching.....	.10
1 large pkt. Cucumber, Galloway-Bowman's Imp. Long Green.....	.05
1 large pkt. Cucumber, Galloway-Bowman's Champion Pickler.....	.15
1 large pkt. Cucumber, Galloway-Bowman's Improved Danvers Half Long.....	.20
1 oz. Carrot, James Scarlet Intermediate.....	.10
1 pt. Sweet Corn, Peep O'Day.....	.05
1 oz. Carrot, Corn, Stowell's Evergreen.....	.10
1 pt. Lettuce, Galloway-Bowman's Pride of Iowa.....	.05
1 large pkt. Lettuce, Galloway-Bowman's Grand Rapids.....	.10
1 pt. Musk Melon, Galloway-Bowman's Improved Rockyford.....	.30
1 large pkt. Melon, Galloway-Bowman's Kleckly's Sweet.....	.05
1 oz. Onion, Galloway-Bowman's Southport White.....	.05
1 large pkt. Parsley, Galloway-Bowman's Champion Parsnips.....	.38
1 oz. Parsnip, Galloway-Bowman's Waterloo Marrow.....	.20
1 large pkt. Pumpkin, Sugar or Pie.....	.20
1 large pkt. Galloway-Bowman's American Wonder (main crop).....	.05
1 pt. Peas, Galloway-Bowman's Rentpayer.....	.10
1 oz. Radish, Galloway-Bowman's French Breakfast.....	.20
4 oz. Radish, Galloway-Bowman's Imp. Hubbard Green.....	.20
1 large pkt. Squash, Galloway-Bowman's Matchless.....	.20
1 large pkt. Tomato, Galloway-Bowman's Purple Top Strapleaf.....	.20
4 oz. Turnip, Galloway-Bowman's American Purple Top.....	.20
4 oz. Ruta Baga, Galloway-Bowman's American Purple Top.....	.20

GALLOWAY'S EXTRA SPECIALS

Galloway's "Dandy" Cucumber

"THE JACME OF PERFECTION." We have been looking for a Cucumber that we could designate Dandy and after careful experiments on our seed Farm we feel satisfied that we have at last found it and we are confident our many thousands of customers all over the States will agree after growing it that the name we give it fits it exactly. It is neither long nor short, but just right; a nice medium cucumber that can be used either for slicing or pickling, is solid and crisp as ice. The seed cells are extremely small; its a fruit that is bound to attract your attention and admiration immediately you see it. The vines are strong and vigorous and very prolific in bearing. A few plants of this beautiful cucumber are sufficient for the needs of a fair sized family. Be sure and have a Dandy crop of cucumbers next summer.

Cat. No. 162 B—Large pkt. 10c; 2 pkts. 15c; 1 oz; 20c; 1-4 lb. 50c; 1 lb. \$1.50 (Postpaid.)

Galloway's Big Chief Lettuce

DELICIOUS, CRISP AND SWEET. This is another of our specials and one we are proud of. It deserves a front place in every garden; although it grows to a large size it has none of that coarseness that is so common with the larger types of lettuce. Its beautiful crimped leaves give it a very attractive appearance; it grows rapidly to maturity, is beautifully tender, has a fine buttery flavor and is nice and crisp; it has in fact all the good qualities most sought for in a really good lettuce.

It is easily grown, will do well in any ordinary soil, is not easily affected either by drought or rain, retains its freshness for a long time after maturity. Owing to its quick development is specially suitable for successional planting. We believe it will be the leading lettuce of the coming season. Don't fail to get your packet early. We expect a great demand for it. All orders will be executed in strict rotation, so post your orders promptly.

Cat. No. 163 B—Large pkt. 10c; 2 pkts. 15c; 1 oz. 20c; ¼ lb. 60c; 1 lb. \$2.00 Postpaid.

Galloway's Little Wonder Carrot

"A PERFECT TABLE CARROT." In our Little Wonder table carrot we are able to offer what we believe to be the best carrot on the market for table use. It is not a long carrot like James Scarlet Intermediate or short like Guerande or Oxheart, but a medium root after the type of Early Nantes, but decidedly less coarse; just the sort of carrot the housewife likes to handle. There is no waste. They are very smooth skinned, therefore easy to wash, beautifully crisp and sweet, with fine grained flesh. They are fit to pull a few weeks after sowing. You can't possibly get a better carrot for the home garden than our Little Wonder. It's the best that grows. Our seed is specially imported by us from one of the best known French Growers.

Cat. No. 164 B—Price, pkt. 10c; 2 pkts. 15c; 1oz. 25c; 1-4 lb. 70c; 1 lb. \$2.50 (Postpaid.)

Cash in the Coupon

GALLOWAY'S EXTRA SPECIALS

Galloway's Beefsteak Tomato

"PERFECT BALLS OF SOLID MEAT." A perfect tomato in every way. Just what you are wanting; perfect shape; good size; coreless and a tremendous cropper; every vine literally weighed down with handsome, perfectly round, smooth fruit. We had a fine batch of our Beefsteak Tomatoes on our Seed Testing Farm and they were a sensation to all who saw them. The vines though strong were scarcely able to bear the weight of the fruit. For slicing there is nothing to equal them. They are perfect and as a canning variety they are sure to be in great demand. If you are an Exhibitor you certainly should not fail to put in a patch of our Beefsteak Tomatoes; they are Prizewinners; they grow to a great size and can be relied upon not to crack. Extra fine flavor. Cat. No. 165B—Price Large pkt. 20c; 2 pkts. 30c; 1 oz. 40c; ¼ lb. \$1.00; 1 lb. \$3.50 (Postpaid.)

Cash in
the
Coupon
Checks

Galloway's "Eversure" Pea

A GRAND NEW GARDEN PEA. "Our Latest Sensation." A magnificent new pea that is sure to do well anywhere. It is a first early pea, grows about 2 feet high, very handsome pods, the hardiest pea on the market. We offer this great new pea with perfect confidence that it will please all who grow it. There is no better pea anywhere. It is a tremendous yielder; the vines are literally covered with large well filled pods of most delicious marrowfat peas. You certainly can't go wrong when ordering our Eversure Pea. You will simply be delighted with it. One great advantage about this Pea is that it adapts itself to practically any soil and withstands drought. We strongly recommend this fine pea to growers requiring something good for the home garden or to market gardeners requiring a real good thing for the market. Their handsome appearance will certainly bring for them ready buyers.

Our stock is limited and we would urge upon our customers to place their orders early. Cat. No. 166B—Price ½ Pint Packet 30c; Pint 45c; Quart 85c (Postpaid.) By Express or Freight, Pint 40c; Quart 70c; 4 Qts. \$2.50.

Galloway's "Abundance" Beet

A RECORD BREAKER. A beautiful beet that is bound to become a great favorite with all beet growers. For slicing, canning or the market this beet stands without a rival. It is not a large coarse root as many so called table beets are but is a medium sized, perfectly round, smooth dark crimson root with practically no core, the flesh is a deep rich crimson, is sweet and crisp; an ideal beet for bunching for the market. They grow very uniform, being as much alike as two peas. They are un-

usually clean, having little or no fibrous roots; the tap roots are small, making them easy to harvest. They are ready to pull in about 8 weeks from the time of sowing.

Don't fail to get a packet of our Abundance Beet. They will certainly please you. Cat. No. 166B

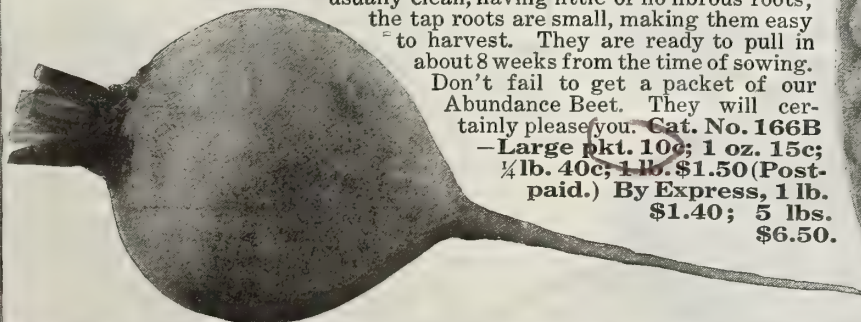
—Large pkt. 10c; 1 oz. 15c;

¼ lb. 40c; 1 lb. \$1.50 (Post-

paid.) By Express, 1 lb.

\$1.40; 5 lbs.

\$6.50.



Cash in the Coupon



Galloway Bros.-Bowman Co. Waterloo, Iowa USA.



Asparagus

Bonaveletts Giant

The earliest and best of all Asparagus. They come into bearing fully a year in advance of all the older varieties, one year old plants being quite as sturdy as two year old plants of the older varieties. We cannot too strongly urge upon our customers the advisability of putting in a bed of this most delicious spring vegetable. It is generally supposed that Asparagus is hard to grow but this is a mistake. The seed should be soaked in lukewarm water for about 12 hours before sowing; this will assist the germination. Sow in spring in drills about 18 in. apart and 2 in. deep in light, rich soil, sowing about 15 seeds to each foot of drill. When the plants are well up thin to about one inch apart, if thoroughly cultivated during the summer the plants will be ready to set out the following spring.

Cat. No. 168B—Large pkt., 10c; 3 pkts., 25c; 1 oz., 30c; ¼ lb., 55c; 1 lb., \$1.50.

What Will the Harvest Be?

From the time of seeding the uppermost question in the mind of the farmer or gardener is—what will the harvest be?—will it be a bumper or will it be a disappointing crop? We have started a pure seed campaign. We want to see every farmer satisfied with his crop. We want to help him by making it possible for him to secure the purest and best seed that can be produced anywhere under the sun. We want him to be able to secure this pure, genuine and unadulterated seed at a price that is within his reach. We want him to realize that one pound of such seed is worth more to him than three or four pounds of the dirty stuff we often see offered as good seed. The harvest depends upon the sowing. If you sow cheap, impure seed you most surely will reap a disappointing harvest. If you sow our pure, genuine and unadulterated seed you may with every confidence look forward to a rich harvest. Always remember that the difference in cost between good high grade seed and impure seed of weak vitality is very small. Will you let this small difference in cost stand between you and a bumper harvest. Bad seed is dear at any price. We would rather go out of the seed business than handle it.

Bonaveletts Giant Asparagus

Let the
Coupon
Checks Help
Pay for Your
Seeds.
See
Page 27.



Galloway-Bowman's Perfection Beet

Culture To obtain best results, beet seed should be sown in deep, rich, sandy loam, sow in rows 18 inches apart, covering about an inch deep, and pressing the soil firmly over the seed; thin out to 5 or 6 inches apart when the plants are well established. The seed should not be sown until all signs of frost are past. June is the best month to sow beets. An ounce of seed will sow 50 feet of drill; 5 pounds will sow an acre.

We have no hesitation in saying that our perfection beet is without a superior in the market. It is rich in color and flavor, is a deep crimson through and through and of perfect shape; an ideal beet for pickling. We have tried these beets on our experimental farm and unhesitatingly recommend them as the very best for all purposes. It is unsurpassed in quality.

Cat. No. 169B—Large pkt., 10c; 2 pkts., 15c; 1 oz., 20c; ¼ lb., 60c; 1 lb., \$1.75.

Get your order in early. You can't always get seed like ours.

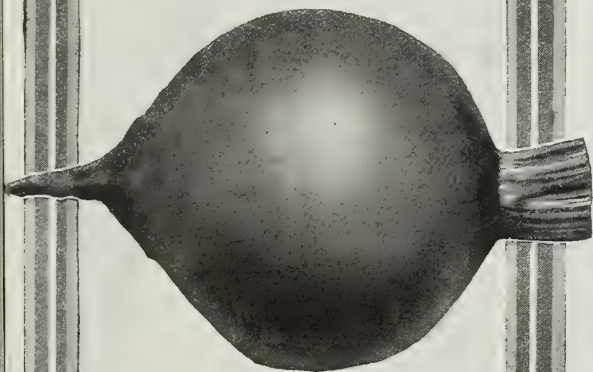
Baker, Oregon, 8-19-1912. The seeds I received and planted proved very good and they came up nicely. I was very much pleased with them. Very sincerely, Julia A. Brown.

Ferndale, Calif., 9-8-1912. In regard to the garden seed will say the beet seed germinated well and growing nicely. Robt. H. Flowers.

Grafton, W. Va., 8-11-1912. The seed I sold was very satisfactory and produced much. Yours very truly, Alfred Morgan, 357 W. Main St.



**Galloway's
Egyptian Turnip Rooted
Beet**



**Galloway's
Crimson Globe
Beet**



**Galloway's
Long Smooth Blood**

Galloway's Egyptian Turnip Rooted

A standard sort of great merit, about a week earlier than the old blood turnip variety, exceptionally fine for forcing or for early outdoor crops. Roots are a nice, rich, crimson, tap roots very small and clean; a very desirable beet for the Market Gardener, owing to its early maturity.

Cat. No. 170B—Large pkt., 5c; 3 pkts., 10c; 1 oz., 15c; ¼ lb., 50c; 1 lb., \$1.50.

Galloway's Crimson Globe

A very fine variety. It is one of the best of the dark fleshed globe shaped beets for the Market Gardener or for general use. This stock is specially selected for us by one of the leading growers and we are confident will give entire satisfaction wherever grown.

Cat. No. 171B—Large pkt., 5c; 3 pkts., 10c; 1 oz., 15c; ¼ lb., 50c; 1 lb., \$1.50.

Galloway's Long Smooth Blood

This is the finest of all the long beets, although not grown here so extensively as the round or turnip variety. It is in every respect equal in color and flavor and is ideal as a table beet. It is universally grown in Europe both for the market and the home garden. This fine beet is often confounded with the coarse, long, or medium long, red Mangel Wurzel, which are useful only as cattle feed. Our Long Smooth Blood Beet is quite distinct and produces only fine smooth beets of table size. The flesh is a fine deep color and of delicious flavor and compares favorably with the very best of the round or turnip shaped varieties. When this beet is better known we feel confident it will become a great favorite with all beet growers. We cannot too strongly advise you to put in a trial patch.

Cat. No. 172B—Large pkt., 5c; 3 pkts., 10c; 1 oz., 15c; ¼ lb., 50c; 1 lb., \$1.50.

Swiss Chard or Spinach Beet

This variety is quite distinct from the edible rooted type of beet. It is grown for its leaf, stems and ribs which are cooked and served in the same way as asparagus. The leaves are cooked after the manner of spinach and make a delightful dish. Probably no vegetable in recent years has become more popular than the Spinach Beet, a batch should be in every garden. As these plants produce a perpetual supply of leaf stems throughout the season a few plants will be found ample for the average home.

Sow in May, in drills 18 inches apart and an inch deep. Thin the plants to 12 inches apart and cultivate the same as for table beet.

Cat. No. 173B—Large pkt., 5c; 1 oz., 10c; ¼ lb., 25c; 1 lb., 75c.



**Cash
in the
Coupon
Now.
The
Coupon
is to In-
troduce
Our
Seed
and
Counts
the
Same
as Real
Money.
Page 27**

Swiss Chard or Spinach Beet



Galloway Bros.-Bowman Co. Waterloo, Iowa, U.S.A.



Beans

Culture

Plant all varieties of beans after danger of frost is over. Bush beans may be planted about 2 inches deep in drills from 24 to 30 inches apart according to the variety and richness of the soil, placing the seed 3 inches apart or four seeds in hills 24 inches apart each way.

Cultivation should be frequent until the plants begin to bloom, but only when the foliage is dry, for if disturbed when wet the vines will rust.

Pole beans require fertile soil. Plant 6 seeds 2 inches deep in hills around poles 8 ft. high, set firmly in the ground. The poles should be set about 3 feet apart each way and the seeds placed in the ground in a circle about 6 inches from the base of the pole. Cultivate same as for bush beans.



Wardwells Dwarf
Kidney Wax
Beans

Galloway-Bowman's Improved Golden Wax

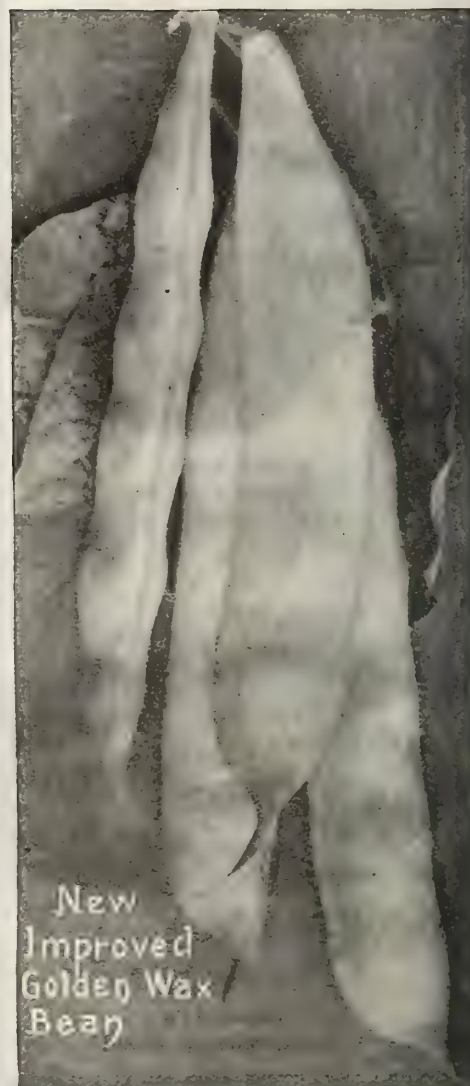
This is a great improvement on the old Golden Wax Type; not only are the beans more prolific, but they are also more fleshy and mature earlier. A batch grown on our seed farm were a perfect picture. The plants were bushy and very prolific bearers. The beans, 6 inches in length, were borne in clusters. There were almost as many beans as leaves. You can't go wrong when ordering Galloway-Bowman's Improved Golden Wax Beans. They certainly are A1.

Cat. No. 175B—Large pkt., 10c; pint, 30c (Postpaid); quart, 45c (Postpaid); 4 quarts, \$1.30 (by express).

Wardwell's Kidney Wax Galloway-Bowman's Extra Select

A very hardy and productive variety, bearing an abundance of handsome fleshy pods of the stringless type; a very fine variety for the market. Their handsome pods and rich golden color always attracting attention. Wardwell's Kidney Wax is a good bean to follow Golden Wax, as it matures somewhat later.

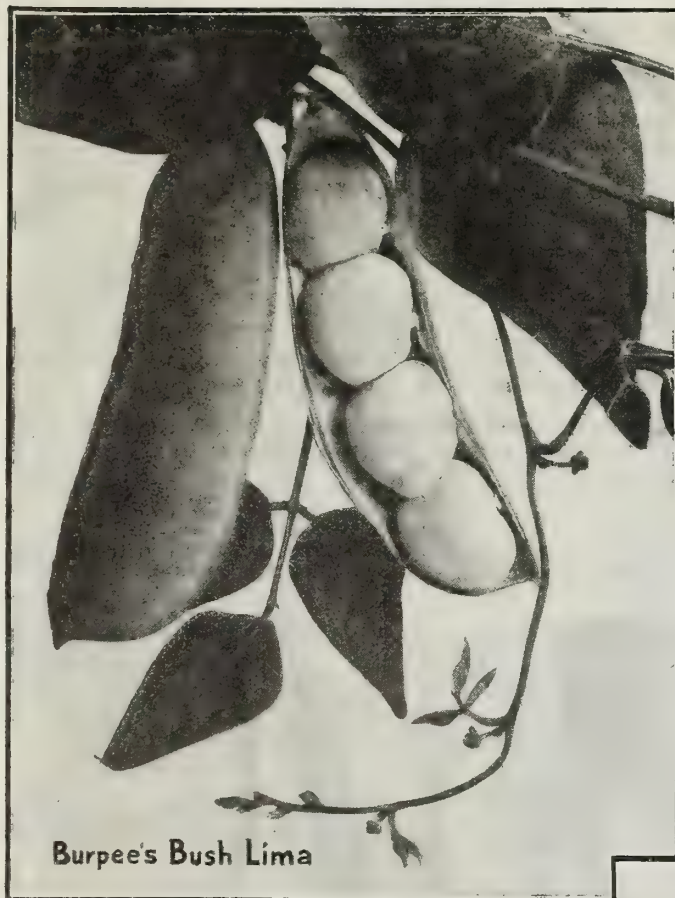
Cat. No. 176B—Large pkt., 10c; pint, 30c (Postpaid); quart, 45c (Postpaid); 4 quarts, \$1.30.



New
Improved
Golden Wax
Bean



Pure Genuine and Unadulterated Seeds that Grow



Burpee's Bush Lima

Galloway-Bowman's Improved Burpee's Bush Lima

This is the best large seeded Bush Lima Bean in existence and it's a dandy. The bushes grow about 18 inches high, are of stout growth and always erect. They branch vigorously and each plant develops into a fine bush from two to three feet in diameter. It is a tremendous yielder, the handsome large pods being filled with very large beans of delightful flavor.

Cat. No. 179B—Large pkt., 10c; 3 pkts., 25c; pint, 30c (Postpaid); quart, 50c (Postpaid).

Henderson's Bush Lima

(Galloway-Bowman's Improved)

This is the earliest of all Bush Limas. Grows only 18 inches high and produces an abundance of rich buttery beans. The best for Northwestern States. For earliness and productiveness Henderson's Bush Lima cannot be beaten. They are at least 12 days earlier than any other type of Bush Lima and at least 2 to 3 weeks earlier than Pole Limas. This enables them to be grown in many sections of the country where the seasons are too short for other Limas.

Cat. No. 180B—Large pkt., 10c; 3 pkts., 25c; pint, 30c (postpaid); quart, 45c (postpaid).

Galloway Bowman's Improved Kentucky Wonder Wax

This is the best of all climbing wax beans. It is very similar to the green podded Kentucky Wonder, but the fine long pods are a little broader, very fleshy and quite stringless. The pods are often from 8 to 9 inches in length. Its earliness and hardness commend it as a pole bean well adapted even for northern latitudes. Its large golden yellow pods are truly handsome and are unexcelled in quality by any wax bean. We anticipate for it a great future owing to its all around good qualities.

Cat. No. 181B—Large pkt., 10c; 3 pkts., 25c; pint, 30c (postpaid); quart, 45c (postpaid).

G-B Champion Scarlet Runners

This bean is perhaps better known than any other in England and many other parts of Europe. It would be difficult to find a garden over there without them. They certainly are very fine either as a table bean or as a flowering plant. They can be used as string or shelled beans or as a creeping vine to cover unsightly corners and for ornamenting porches and trellises. The flowers are brilliant scarlet and remain in bloom from early summer until late fall. The scarlet runner is a very rapid grower. If the beans are soaked in lukewarm water for 12 hours previous to sowing it will greatly assist them in germinating. Keep them supplied with plenty of water during the dry season. A few plants of Scarlet Runners over a porch or trellis will make a dazzling display of brilliant scarlet and green which is bound to add to the appearance of any home.

Cat. No. 177B—Large pkt., 10c; 3 pkts., 25c; pint, 30c; (postpaid); quart, 45c; (postpaid).

King of the Garden Climbing Lima

(Galloway-Bowman's Select)

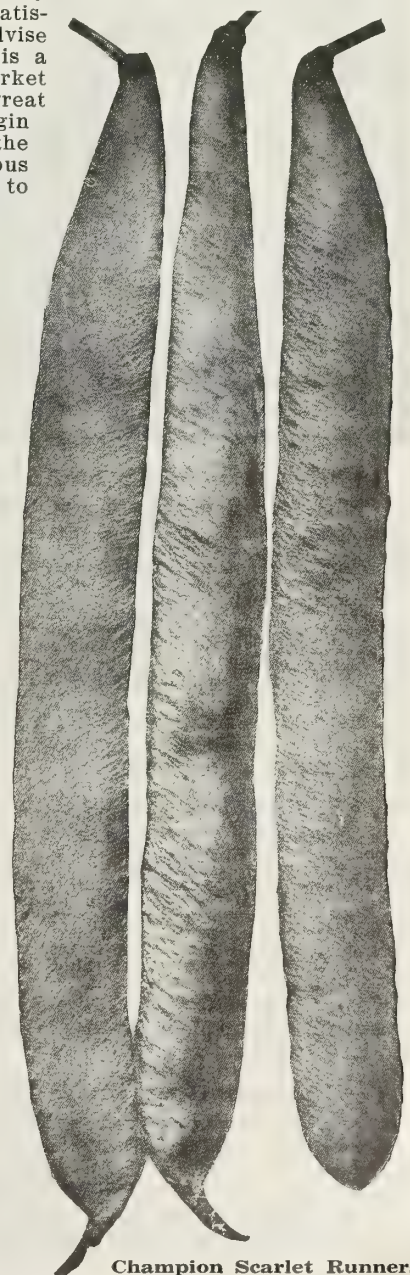
A vigorous grower requiring but two vines to each pole. A very excellent bean in every way. In order to insure satisfactory results we would advise early sowing. This bean is a great favorite with Market Gardeners owing to its great productiveness. They begin flowering at the bottom of the pole producing a continuous bloom and foliage right on to the end of the season.

Pods measure from 5 to 8 inches in length and contain from 5 to 7 perfectly formed beans of very superior quality.

Cat. No. 178B—Large pkt., 10c; 3 pkts., 25c; pint, 30c (postpaid); quart, 50c (postpaid).



King of the Garden Climbing Lima



Champion Scarlet Runners



Galloway-Bowman's Stringless Green Pods

We cannot say too much for this bean. It is without doubt the best of all the stringless green podded varieties. We put in a big batch of these on our own Experimental Farm this year and they gave complete satisfaction in every way. The plants were uniform right through and were tremendous yielders, every plant being weighed down with handsome, straight, long green, perfectly round, and fleshy beans. You really cannot afford to be without a batch of these in your garden. We know you will be delighted with them.

Cat. No. 182B—Large pkt., 10c; 3 pkts., 25c; pt., 30c (postpaid); qt., 45c; (postpaid); 4 qts., \$1.00; ¼ bu., \$1.85; 1 bu., \$6.50.

Galloway-Bowman's Improved Early Yellow Six Weeks

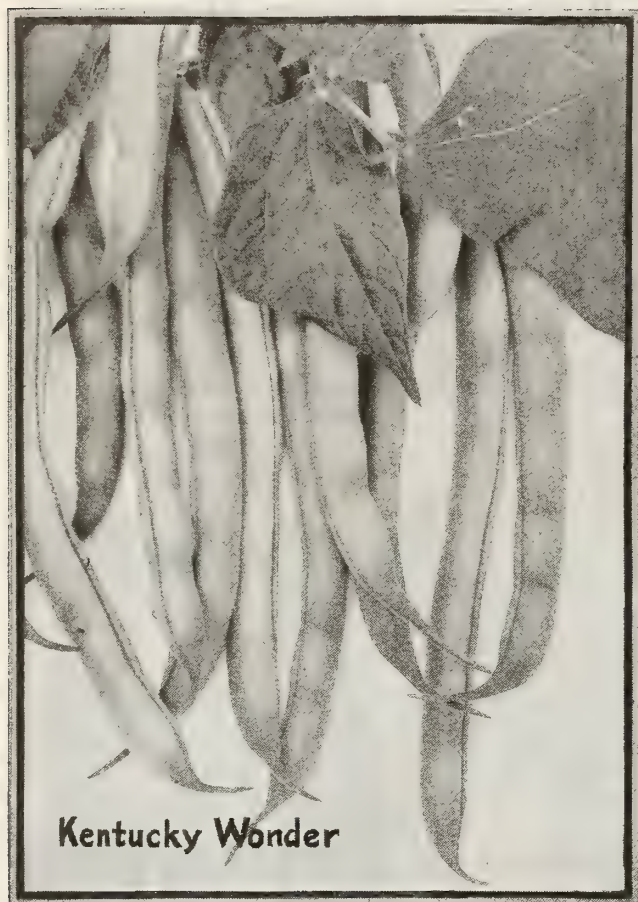
This is the earliest of all beans as its name implies. It produces an abundance of long green flat podded beans ready for the table in 6 weeks from the time of sowing, and under favorable circumstances in even less time. Our stock is tip-top and if you are looking for a really early green podded bean we strongly recommended you to give our Improved Early Yellow Six Weeks a trial. It will give satisfaction wherever tried; owing to its early productiveness this bean can be sown successionally right up to the fall and be relied upon to produce an abundant crop right through the season. All the bush beans can be relied upon to prolong their period of productiveness if kept picked close.

Cat. No. 183B—Large pkt., 10c; 3 pkts., 25c; pt., 30c (postpaid); qt., 45c; (postpaid); 4 qts., 75c; ¼ bu., \$1.50; 1 bu., \$4.50.

Galloway-Bowman's Extra Early Red Valentine Green Pod or Pickling Varieties

This is one of the best known of the green pod or pickling varieties. It is exceptionally early, pods being ready to pick 35 days after sowing. They are light green and semi-transparent, a very fleshy, crisp, and tender bean, seed long, of medium size, a desirable bean for every home garden.

Cat. No. 184B—Large pkt., 10c; 3 pkts., 25c; pt., 30c (postpaid); qt., 45c; (postpaid); 4 qts., 85c; ¼ bu., \$1.50; 1 bu., \$5.00.



Kentucky Wonder

Galloway-Bowman's Improved Kentucky Wonder (also known as Old Homestead)

We hold an absolutely unsurpassed stock of this tremendously popular bean. This variety is more used than any other of the green podded pole beans suitable for use as snaps. It is an early prolific sort, with very showy pods which are of very fine quality. The vines are very vigorous and productive, producing pods in large clusters. The pods are light green in color, very long; often 10 inches in length, very round and crisp. The seed is long oval, dun colored. This probably has a larger sale than any other pole bean. Certainly no gardener should be without them.

Cat. No. 185B—Large pkt., 10c; 3 pkts., 25c; pint, 30c (postpaid); quart, 45c (postpaid); 4 quarts, \$1.00; ¼ bu., \$1.75; 1 bu. \$6.00.

Davis Kidney Wax (Galloway-Bowman's Extra Select)

The demand for this very fine bean was very heavy last season and in consequence of its very high merit we expect a much heavier demand this season. Bean growers declare it to be one of the very best of the whole dwarf wax bean family. The beans are creamy white and quite rust proof, very heavy croppers and greatly in demand for canning. The dry seed of Davis Kidney Wax Bean being a fine pure white, they are very desirable for winter market as a shell bean. You certainly ought to give them a trial.

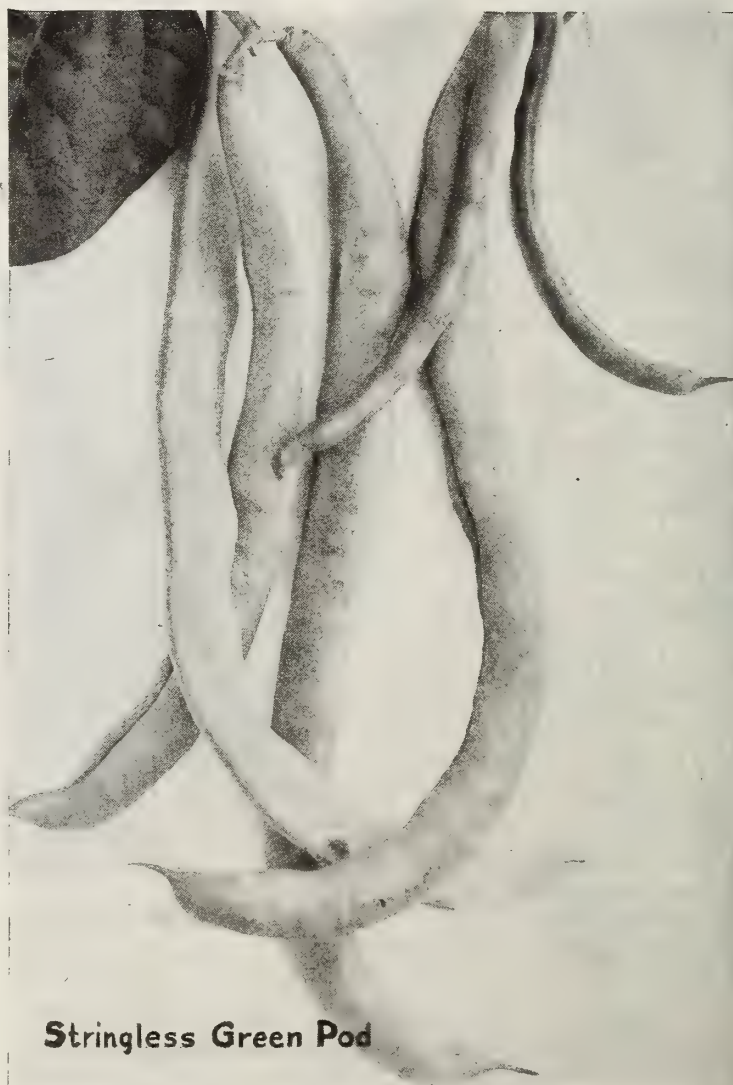
Cat. No. 186B—Large pkt., 10c; 3 pkts., 25c; pint, 30c (postpaid); quart, 45c (postpaid); 4 qts., \$1.00; ¼ bu., \$1.80; 1 bu., \$6.25.

Currie's Rust Proof Black Wax

(Galloway-Bowman's Extra Select)

A very desirable variety of the stringless type, very early and a fine cropper; bears an abundance of crisp, tender, stringless pods of excellent quality and delicious flavor.

Cat. No. 187B—Large pkt., 10c; 3 pkts., 25c; pint, 30c; (postpaid); qt., 45c (postpaid); 4 qts., 95c; ¼ bu., \$1.75; 1 bu., \$6.00.



Stringless Green Pod

Cauliflower

Imported by us direct from Europe.
Absolutely the best seed grown.



KING OF THE MARKET

Culture The Cauliflower delights in a rich soil and an abundance of water. Sow seed for an early crop in February or March in a hotbed and when plants are 3 or 4 inches high transplant 4 inches apart in boxes or frames. As soon as the weather conditions permit the plants can be removed to the open ground. Set plants about 2 feet apart each way. For late crop sow cauliflower seed in a cool, moist place, as soon as all signs of frost are past.

An ounce of our pure tested seed will produce about 3500 plants.

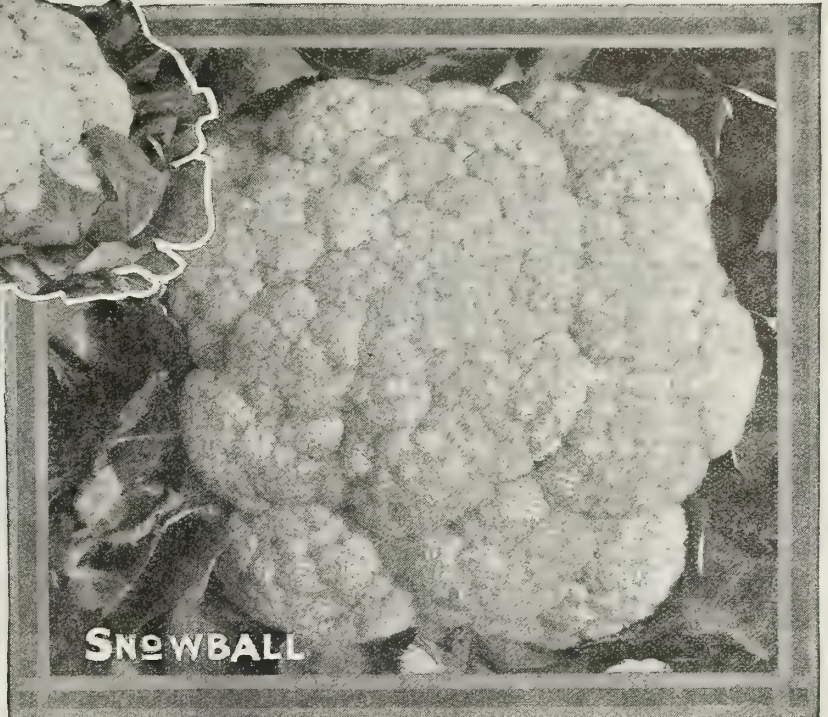
Galloway-Bowman's Imported King of the Market

There is no finer strain of Cauliflower anywhere than Galloway-Bowman's Imported King of the Market. It is very early. The heads are uniform, solid, and snow white. It is about two weeks earlier than Snowball. The very best for forcing under glass.
Cat. No. 180B—Large pkt., 15c; 2 pkts., 25c; ¼ oz., 65c; ½ oz., \$1.15; 1 oz., \$2.00.

Dry Weather

A variety specially adapted to dry conditions. There is a great demand for this Cauliflower owing to its productiveness under circumstances which as a rule means failure to all other varieties. Plant in good rich soil and cultivate well. The heads grow to a large size, are very solid pure white and of delicious flavor.

Cat. No. 181B—Large pkt., 15c; 2 pkts., 25c; ¼ oz., 65c; ½ oz., \$1.15; 1 oz., \$2.00.



SNOWBALL

Galloway-Bowman's Early Snowball

No cauliflower grown has gained for itself a greater reputation than has Early Snowball. While originally recommended and used as an early variety it has not only supplanted most other sorts for spring planting, but it has largely driven out the large late sorts for fall use, being much finer than they are in quality. It's a cauliflower that can be positively depended upon to produce a crop when conditions are ordinarily favorable. Its close growing compact habit enables at least one-third more to be planted on the same space of ground than can be done with other varieties. It's an ideal cauliflower for forcing under glass during the winter and spring.

Cat. No. 182B—Large pkt., 15c; 2 pkts., 25c; ¼ oz., 65c; ½ oz., \$1.15; 1 oz., \$2.00.

Table Showing Quantities of Seed Usually Sown Per Acre

	Weight per bushel	Quantity to sow 1 acre		Weight per bushel	Quantity to sow 1 acre
Alfalfa	60 lbs.	18 to 20 lbs.	Millet, German	50 lbs.	1 to 1 ½ bu.
Barley, broadcast	48 lbs.	2 to 3 bu.	Millet, Hog	50 lbs.	1 to 1 ½ bu.
Bean, Dwarf, in drills	60 lbs.	1 ½ bu.	Millet, Hungarian	48 lbs.	1 to 1 ½ bu.
Bean, Pole, in hills	60 lbs.	10 to 12 qts.	Oats	32 lbs.	3 to 4 bu.
Beet, Table, in drills	60 lbs.	6 lbs.	Onion Seed, in drills	32 lbs.	3 to 5 lbs.
Beet, Mangel Wurzel	60 lbs.	6 lbs.	Onion Sets, in drills	32 lbs.	6 to 12 bu.
Broom Corn, in hills	46 lbs.	8 to 10 qts.	Onion Seed, for sets, in drills	50 lbs.	50 lbs.
Buckwheat	48 lbs.	1 bu.	Parsnips, in drills	56 lbs.	4 to 6 lbs.
Cabbage, in beds to transplant	48 lbs.	¾ lb.	Peas, field or stock, broadcast	60 lbs.	1 ½ to 3 bu.
Carrots, in drills	56 lbs.	3 to 4 lbs.	Pea, Garden, Wrinkled, in drills	56 lbs.	1 ½ bu.
Corn, in hills (for grain)	56 lbs.	4 to 6 qts.	Pea, Round, in drills	60 lbs.	1 ½ bu.
Corn, in hills (for fodder)	56 lbs.	8 to 10 qts.	Potatoes	60 lbs.	8 bu.
Clover, Alsike	60 lbs.	4 to 6 lbs.	Potato, cut Tubers	60 lbs.	8 bu.
Clover, Red	60 lbs.	8 to 10 lbs.	Pumpkins, in hills	60 lbs.	3 lbs.
Clover, White	60 lbs.	2 to 4 lbs.	Radish, in drills	60 lbs.	8 to 10 lbs.
Cucumber, in hills	56 lbs.	4 to 6 lbs.	Rape, Dwarf Essex	56 lbs.	1 ½ to 2 bu.
Flax, broadcast	14 lbs.	1 ½ bu.	Rye	50 lbs.	8 to 10 lbs.
Grass, Kentucky Blue	14 lbs.	3 bu.	Salsify, in drills	50 lbs.	5 to 8 lbs.
Grass, Orchard	14 lbs.	3 bu.	Sorghum, or Sugar Cane	50 lbs.	8 to 10 lbs.
Grass, English Rye	22 lbs.	3 bu.	Spinach, in drills	15 lbs.	2 to 4 bu.
Grass, Red Top	10 lbs.	3 bu.	Squash, Bush Varieties, in hills	4 lbs.	4 lbs.
Grass, Timothy	45 lbs.	8 to 10 lbs.	Squash, Running Varieties, in hills	3 lbs.	3 lbs.
Grass, Lawn	15 lbs.	4 bu.	Tomato, to transplant	¼ lb.	¼ lb.
Kafir Corn, in drills	50 lbs.	10 lbs.	Turnip, broadcast	2 to 3 lbs.	2 to 3 lbs.
Kafir Corn, broadcast	50 lbs.	1 bu.	Turnip, in drills, 1 ox to 250 ft of drill	1 ½ lbs.	1 ½ lbs.
Melon, Musk, in hills	50 lbs.	2 to 3 lbs.	Vetch	30 to 40 lbs.	30 to 40 lbs.
Melon, Water, in hills	50 lbs.	4 to 5 lbs.	Wheat	60 lbs.	1 ½ to 2 bu.



Galloway Bros. - Bowman Co. Waterloo, Iowa, U.S.A.



CABBAGE

Culture The seed may be sown in rows 1 foot apart or broadcast in the garden, about the middle of May, and the plants set in the field the latter part of June, or it may be planted in hills 30 inches apart, 4 to 5 seeds to the hill, in the field where the cabbages are to grow, thinning to one plant in a hill when the plants are 3 to 4 inches high.

Cultivation must begin as soon as the plants are set in the field or as soon as seed sown in the field is up and continued as long as it is possible to get through them with a horse cultivator without doing injury to the plants.

Where the seed is sown in the field, whether it be in rows or in hills, it should be covered with $\frac{3}{4}$ of an inch of soil and this soil firmed well to insure rapid germination. One-half pound seed sown in a bed will produce plants for one acre.

An ounce of our Imported Cabbage Seed will produce for you 2,500 sturdy plants.

Our cabbage varieties are selected by an expert. If you were to look through ten seed catalogues with 4 dozen kinds you could not find a better selection than we offer. We only sell one quality, absolutely and positively the best. No second or third cheap grades.

Something Worth Knowing

Cabbages and related vegetables such as Brocoli, Cauliflower, Savoy Hale, etc., are subject to the attack of little green worms which are hatched on the leaves of the plants; three or four broods of these little worms may be hatched in one season. As soon as they are seen the plants should be freely sprayed with a mixture composed of alum, 2 oz.; pyrethrum, 2 oz.; water, 10 gallons. This mixture will rid your plants of this destructive pest.

We specially draw our customers attention to our select stock of Hollander Cabbage. This is the true Imported Hollander and must not be confounded with any other variety sent out by some houses as Hollander; we have even known some people to send out ordinary drumhead cabbage for Hollander; we wish to impress upon you that our stock is true to name and Imported.

Galloway-Bowman's Imported Hollander or Ballhead (True Stock)

Probably no cabbage is better known or more universally appreciated than this grand variety. It is medium in size, very solid, with but few outer leaves, as a keeper it has no equal and for market use it is unparalleled. For boiling, slaw, sauerkraut, etc., it is unsurpassed, being crisp, tender and sweet. It grows well on all soils and under most conditions, withstanding hot weather and does not rot from the effects of a wet season and the heads do not burst. Our Hollander Cabbage is true to name and can be depended upon to give entire satisfaction wherever grown. Average weight, 7 to 8 pounds per head.

Cat. No. 185B—Large pkt., 10c; 3 pkts., 25c; 1 oz., 35c; $\frac{1}{4}$ lb., \$1.00; $\frac{1}{2}$ lb., \$1.50; 1 lb., \$3.50 (Postpaid).



Hollander Cabbage

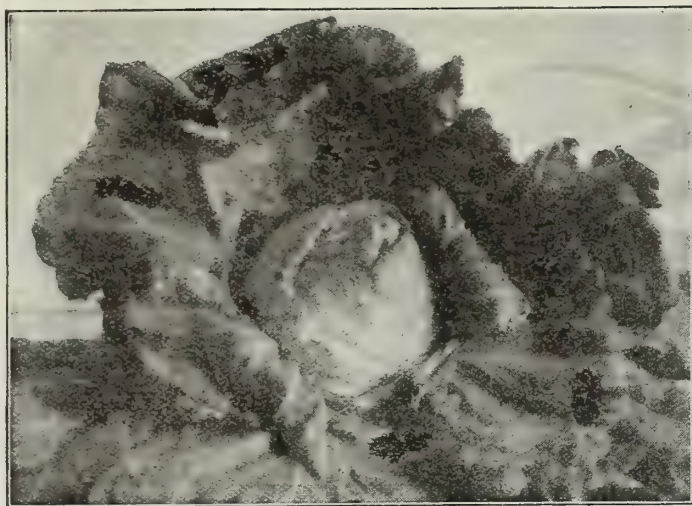
They're All Good! That's What They All Say!

Morristown, Ohio, 8-26-1912.—I want to tell you we were well pleased with the garden and flower seeds we received from you, the tomatoes are fine and so are the cabbage and beets. Yours truly, John Dunn.





Pure Genuine and Unadulterated Seeds that Grow



Galloway-Bowman's Early Jersey Wakefield

This is the earliest and surest heading of all the early cabbages. It is a very safe cabbage to grow; owing to its hardness it can be depended upon to resist cold and other unfavorable circumstances better than any other early cabbage. The plants are compact with very few outer leaves; heads are of medium size, very solid and pointed and of excellent quality. It is an ideal variety for the private garden as it takes up but little room and produces solid hearts sooner than any other sort. It is also an ideal cabbage for the Market Gardener as it can always be depended upon to produce a fine early crop of solid clean heads.

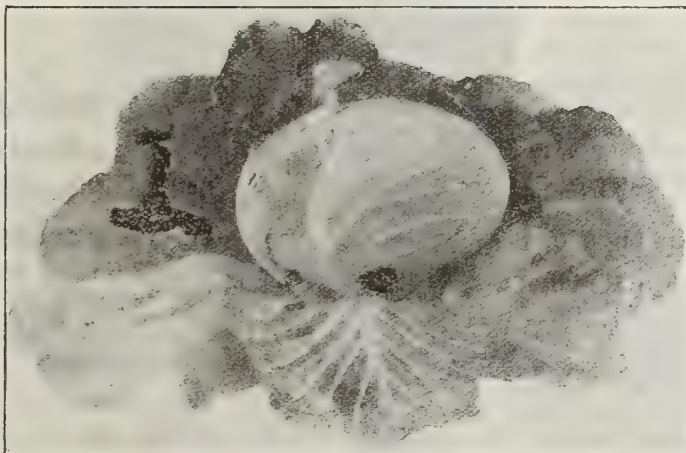
Cat. No. 186B—Large pkt., 5c; 3 pkts., 10c; 1 oz., 30c; ¼ lb., \$1.00; 1 lb., \$3.00 (postpaid).



Galloway-Bowman's Premium Late Flat Dutch

This well known late cabbage is without doubt the very best of its kind grown. It is remarkably uniform in size and type. The heads are oval in shape and flat and as solid as a rock. As a winter keeping cabbage it is without an equal. Owing to its compact snug growth it can be depended upon to produce many tons of solid crisp and tender heads to the acre. A great favorite with Market Gardeners on account of its excellent shipping qualities. Galloway-Bowman's Premium Flat Dutch is grown only from specially selected heads and can be depended upon to produce only plants true to name and of the highest quality.

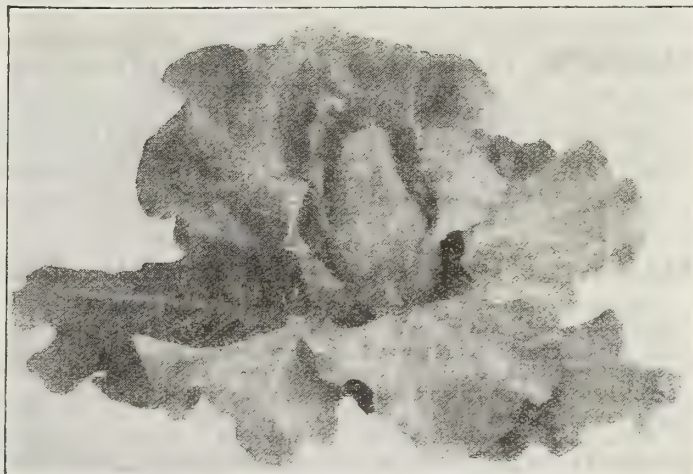
Cat. No. 188B—Large pkt., 5c; 3 pkts., 10c; 1 oz., 30c; ¼ lb., \$1.00; 1 lb., \$3.00 (postpaid).



Galloway-Bowman's Imported Red Hollander

We offer here what we believe to be the very best red cabbage grown. It is specially imported by us from Denmark and the seed has been saved only from the finest and best heads selected for their uniformity of size, solidity, and even color. If you are looking for a really high grade red cabbage we are confident Galloway-Bowman's Imported Red Hollander will satisfy you in every way. It has all the high grade merits of the green Hollander but the leaves are of course a fine deep red.

Cat. No. 187B—Large pkt., 5c; 3 pkts., 10c; 1 oz., 30c; ¼ lb., 90c; 1 lb., \$3.00 (postpaid).



Galloway-Bowman's Imported Early Winningstadt

This is without doubt one of the best of the early cabbages. It was originally imported from Germany where it is a prime favorite owing to its compact and upright habit of growth and peculiar texture of its short, thick, rich green leaves. This variety seems to suffer less from the cabbage worm than most other varieties. The heads are of medium size and pyramidal shape, but very solid and of excellent quality; keeps well both summer and winter. It is the hardiest cabbage of its kind and will resist excessive wet, draught, insects or disease better than any other variety.

Cat. No. 189B—Price pkt., 5c; 3 pkts., 10c; 1 oz., 25c; ¼ lb., 75c; 1 lb., \$2.25 (postpaid).



Galloway Bros.-Bowman Co. Waterloo, Iowa, U.S.A.



Carrots



Culture For the best results the soil should be well worked to a good depth. For early use sow seed in rows 15 inches apart as early in the spring as the soil can be worked, sowing about 2 pounds of seed per acre and cover the same with $\frac{1}{2}$ inch of soil; but for main crop, sow about corn-planting time using $1\frac{1}{2}$ lbs. of seed per acre and the seed should be covered with nearly an inch of soil. One ounce of seed will sow 100 feet of drill. Make the rows two feet apart to allow for horse cultivation. Keep free from weeds, and cultivate occasionally until the roots are large enough for table use and if grown for commercial purposes they may be cultivated with profit throughout the season.

Galloway-Bowman's Mammoth Mastodon

"THE BEST OF ALL LIVE STOCK CARROTS." This carrot is without doubt the most productive variety for stock. They yield immensely, a thousand bushels an acre being reported by growers. The quality of Mastodon Carrot is A1. In size they often attain to 5 and 6 pounds each in weight. The shape of Mastodon Carrot is such that it is easily harvested by hand, being a stout conical root with a heavy shoulder and scarcely any Laternal roots. They do not break easily in pulling or while being handled. Our own stock of Mastodon Carrots grown on our Experimental Farms at Waterloo are a sight worth going miles to see. They are a revelation to all who have seen them. Their weight, color, and perfectly uniform shape attracting everyone's attention.

If you are a stock keeper you cannot afford to be without an acre or more of this very valuable stock feed. This seed imported from Europe.

Cat. No. 190B—Large pkt., 5c; 3 pkts., 10c; 1 oz., 15c; $\frac{1}{4}$ lb., 45c; 1 lb., \$1.50 (postpaid).

James' Scarlet Intermediate (Imported Seed)

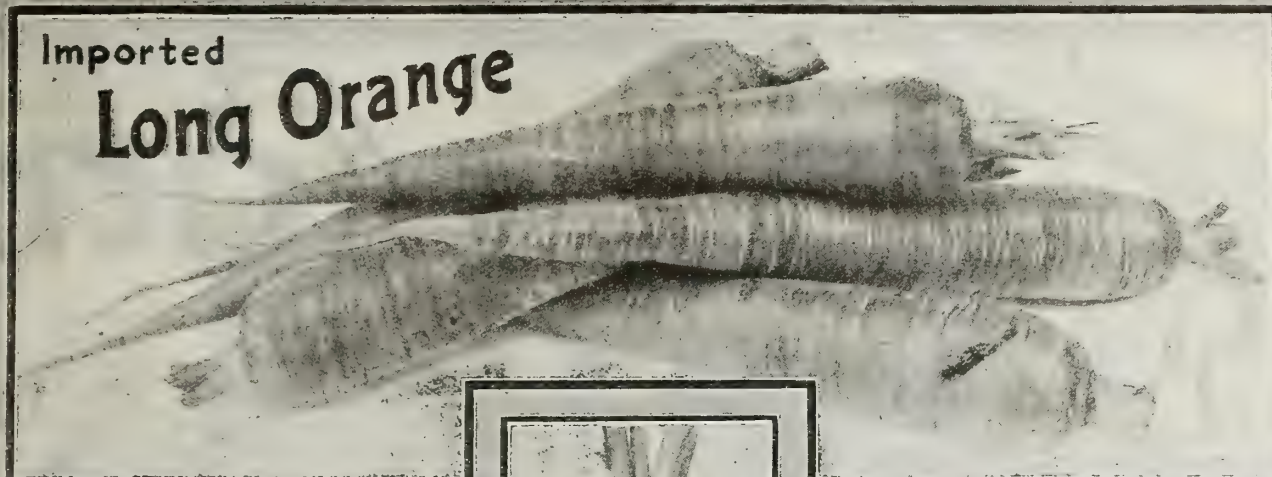
A carrot of the highest merit, being almost universally grown in Europe both for stock and the table. It is a deep orange color, intermediate in length, very crisp, and sweet and a heavy yielder: When this carrot becomes better known we anticipate for it a position second to none among carrots.

Cat. No. 191B—Large pkt., 5c; 3 pkts., 10c; 1 oz., 15c; $\frac{1}{4}$ lb., 45c; 1 lb., \$1.50 (postpaid).

A Word About Field Carrots

It is surprising to note how many farmers neglect to put in an acre or more of carrots for their stock, seeing what a valuable crop it is either for their stock or for the market. They sell readily in the market, fetching from 10 to 20 dollars a ton and seeing that an acre of carrots will produce anything from 20 to 40 tons it goes without saying that there is a whole lot of money in them. Why not get in and have some of this money? Sufficient seed for an acre will cost only \$2.25 and this should yield not less than 20 tons of carrots which should fetch in the open market not less than \$200.00.

Imported Long Orange



Galloway-Bowman's Improved Danvers Half Long

No carrot is better known or more universally grown than Danvers' Half Long. A rich orange red variety, very smooth, and handsome, producing very heavy crops; a fine market variety, flesh is very sweet, crisp and tender; although a garden variety, it produces more bulk to the acre than many of the field varieties and has the special merit of succeeding in almost all soil conditions.

Cat. No. 192B—Large pkt., 5; 3 pkts., 10c; 1 oz., 15; ¼ lb., 45c; 1 lb., \$1.50 (postpaid).

Galloway-Bowman's Improved Long Orange (Our Special Stock)

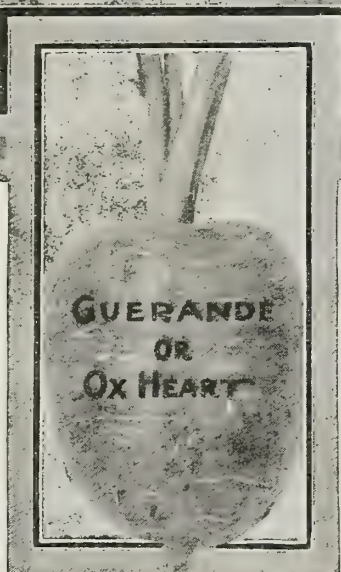
A standard late variety of great merit, very handsome and uniform in shape, roots are a rich, deep orange color, good flavor, and yields very heavily. Sow in a deep soil, thinning to 6 inches apart in 18-inch drills for roots to attain their full size. As a feed for milch cows it is very valuable as it increases the flow of milk and imparts to the butter a rich color.

Cat. No. 193B—Large pkt., 5; 3 pkts., 10c; 1 oz., 15; ¼ lb., 45c; 1 lb., \$1.50 (postpaid).

Galloway-Bowman's Extra Early Dutch Horn

A very popular variety. Has a short stump shaped root; grows well in shallow soil; one of the best for outdoor planting and table use.

Cat. No. 194B—Large pkt., 5c; 3 pkts., 10c; 1 oz., 15c; ¼ lb., 45c; 1 lb., \$1.50 (postpaid).



Galloway Bowman's Improved Chantenay

One of the best early carrots in cultivation. The best carrot for table use, rich orange in color and of delicious flavor; owing to its attractiveness it is specially suited to the Market Gardener. They should plant this for their main early crop.

Cat. No. 195B—Large pkt., 5; 3 pkts., 10c; 1 oz., 15; ¼ lb., 45c; 1 lb., \$1.50 (postpaid).

"Half Long Nante's Stump Rooted"

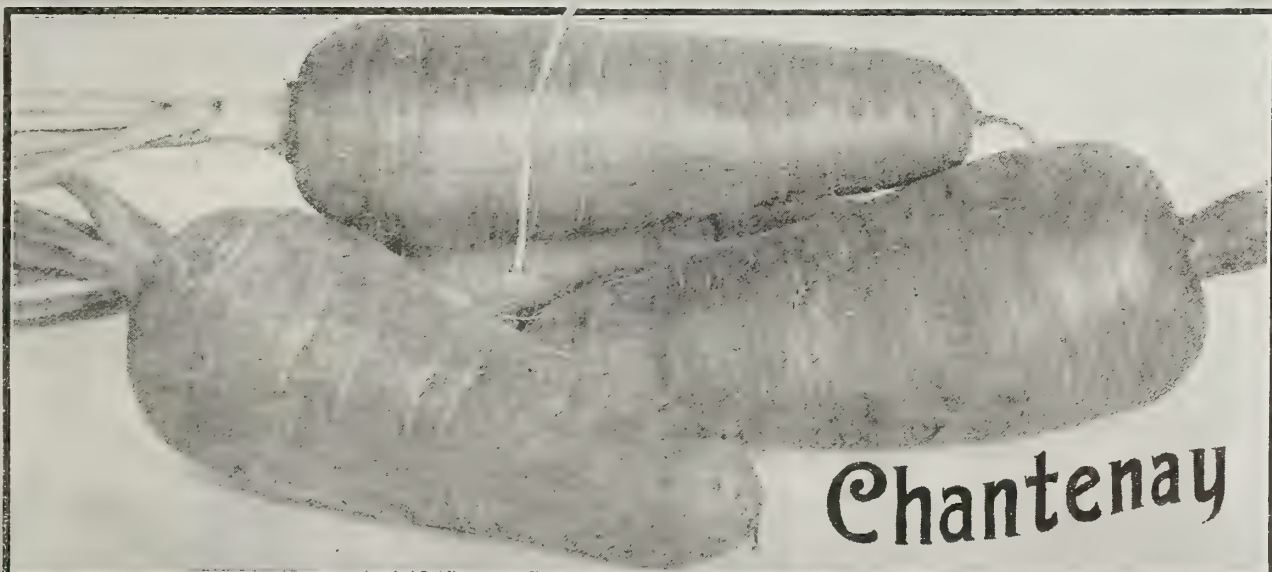
Culture A medium size carrot, admirably adapted for bunching. An excellent variety for the home garden. Roots are about 6 inches long, very smooth and cylindrical, has no core, exceedingly sweet and tender, raised in France by one of the best carrot growers. Certain to give satisfaction wherever grown.

Cat. No. 196B—Large pkt., 5; 3 pkts., 10c; 1 oz., 15; ¼ lb., 45c; 1 lb., \$1.50 (postpaid).

Guerande or Ox Heart

This variety is a great favorite with many who raise carrots for stock. It is short and chunky in build, of a rich orange color. The quality of Guerande or Oxheart is exceedingly good, being of a firm texture and remarkably sweet. Although a favorite with stock keepers it is also an ideal carrot for table use and certainly should be grown where land is shallow as it thrives much better under those soil conditions than the longer types of carrots.

Cat. No. 197B—Large pkt., 5c; 3 pkts., 10c; 1 oz., 15c; ¼ lb., 45c; 1 lb., \$1.50 (postpaid).



Chantenay



Galloway Bros.-Bowman Co. Waterloo, Iowa, U.S.A.



Sweet Corn

Culture This requires a good soil and situation. Commence for early planting the first varieties about May 1st, and if a continuous supply is wanted all summer make plantings about two weeks apart, from May 1st until the last of July, first planting early varieties, then later ones. Plant in rows three feet apart and make the hills about the same distance apart in rows. Five kernels in the hill are plenty. Cover about one inch deep for early and a little deeper for late. Thin to three in a hill. Plant one quart to 200 hills; 8 to 10 quarts to the acre in hills.

Peep O'Day

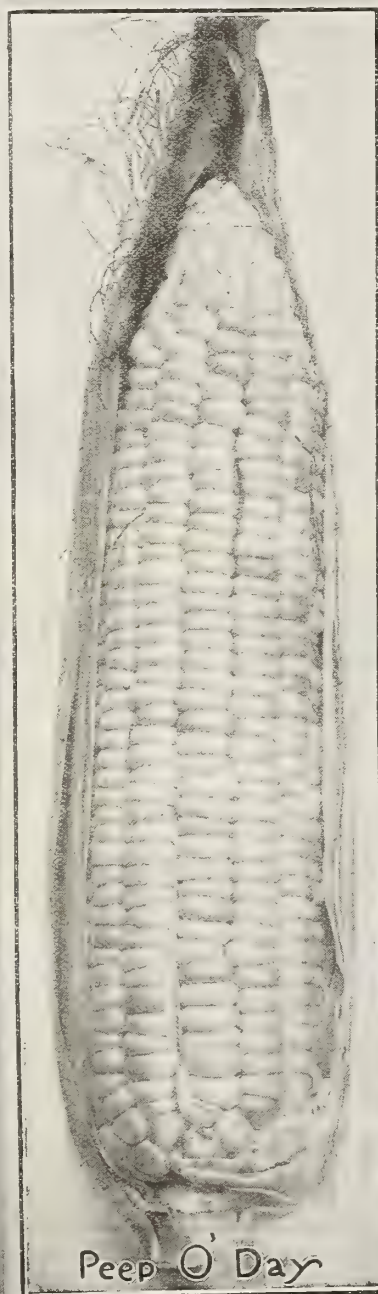
The earliest of all Sweet Corn and on this account specially adapted to northern latitudes where other varieties are hard to grow. It is a pure white color, tender, juicy and sweet. It is perhaps the best kind for the home garden, owing to its earliness. Almost everyone looks forward to their first picking of Sweet Corn and if you put in a batch of Peep O'Day you certainly will be able to satisfy your desires for early corn. Our Peep O'Day Sweet Corn is pure, genuine and unadulterated and can be relied upon to give you entire satisfaction.

Cat. No. 200B—Large pkt., 5c; 3 pkts., 10c; pint, 25c (Postpaid); quart, 40c (Postpaid); 4 quarts, \$1.00; ¼ bushel, \$1.50; 1 bu., \$5.50.

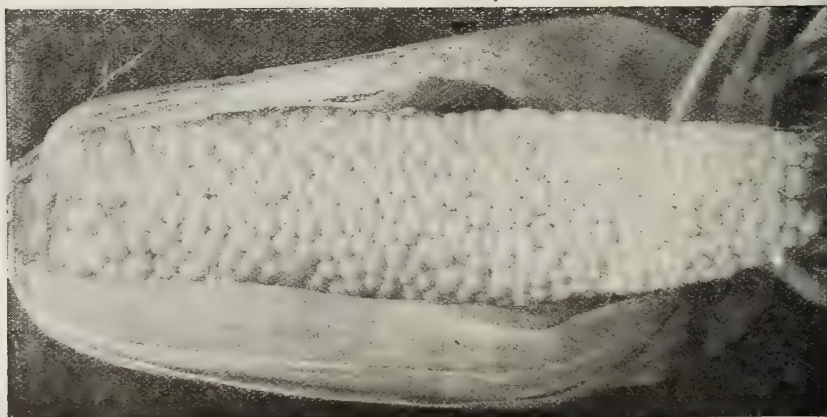
Country Gentleman

Without doubt one of the best of the late varieties. It is the most luscious of all the Sweet Corns. The plump white kernels are of great depth, most delicious and the flavor will delight even an epicure. It remains tender and fit for use longer than most other sorts as the ear is enclosed in a thick husk which keeps it "in the milk." The ears average nine inches in length and are borne from two to five and sometimes six on each stalk. The cob is small and very closely packed from tip to butt and with slender pure white kernels of the finest quality. It comes as true to type as any Sweet Corn we know of. If you desire a really delicious late white Sweet Corn you certainly should try Country Gentleman; we know it will please you.

Cat. No. 201B—Large pkt., 5c; 3 pkts., 10c; pint, 20c (Postpaid); quart, 35c (Postpaid); 4 quarts, 75c; ¼ bushel, \$1.25; 1 bu., \$5.00.



Peep O'Day



G.-B. Country Gentleman.



Pure Genuine and Unadulterated Seeds that Grow



Golden Bantam

The most popular of all the early sweet corns. The demand for Golden Bantam is enormous and great difficulty is experienced by seed houses in keeping the supply equal to the demand. It is rapidly taking the place of the white and older varieties on account of its superior quality. Golden Bantam is the richest in flavor of all the Sweet Corns. Its pale creamy yellow kernels are delicious and sweet.

This season has seen an enormous demand for this corn from Hotel Keepers, Restaurant and private establishments. Market Gardeners tell us they never knew anything like it before and are preparing to sow down much larger crops in order to meet this ever increasing demand. Our stock of Golden Bantam is saved from ears only specially selected for their uniformity of size and color and we send out seed only which shows the very highest germinating power. If you want Golden Bantam Corn of the highest quality and productiveness we certainly have it. If you have never tried it before do so now. You will be delighted with it.

Cat. No. 202B—Large pkt., 10c; 2 pkts., 15c; pint, 30c (Postpaid); quart, 50c (Postpaid).

Golden Bantam

By Express or Freight, quart, 40c; 4 quarts, \$1.10; peck, \$2.00; bu., \$7.50.

"Early Evergreen"

This is a very popular Sweet Corn. It is in the 2nd early class, comes to maturity fully 10 to 12 days earlier than Stowell's Evergreen and yields large handsome ears of most delicious flavor. It has a ready sale in the market on account of its handsome appearance and earliness.

Cat. No. 203B—Large pkt., 5c; 3 pkts., 10c; pint, 20c (Postpaid); quart, 35c (Postpaid); 4 quarts, 75c; ¼ bushel, \$1.25.

NOTE.—ALL our Seed Corn is thoroughly tested before we put it into packets and unless it shows a very high percentage of growth we do not allow it to leave our warehouse. Customers can therefore always rely upon getting from us nothing but pure, genuine, and unadulterated Sweet Corn that is bound to grow.

Stowell's Evergreen

This variety has for many years stood at the head of the list of late Sweet Corn. For main late crop for the family garden or for the market Gardener and Farmer it cannot be excelled. It remains in good condition a long time after gathering, thus continuing in season after frost. This corn is distinguished by the large ear. The long, deep kernels, its rich, sugary flavor and its long keeping qualities. There is perhaps more Stowell's Evergreen Corn sold for late planting than all the other late varieties put together.

When you get Stowell's Evergreen Corn from us you get the genuine thing and the absolutely best money can buy. Our seed is true to name having been very carefully selected specially for us.

Cat. No. 204B—Large pkt., 5c; 3 pkts., 10c; pint, 20c (Postpaid); quart, 35c (Postpaid); 4 quarts, 75c; ¼ bushel, \$1.25; 1 bu., \$5.00.

Pop Corn

"Something good for the boys' garden"

Monarch White Rice

This variety is the best for popping. The ears are large sized, very handsome and productive, excellent quality, very crisp and delicious. It is a very profitable crop to grow, yielding at the rate of 8 to 10 tons per acre of shocked corn. Thousands of tons of White Rice Pop Corn are annually sold for popping purposes.

Plant at the rate of 6 to 8 quarts to the acre. Pop Corn should be planted much closer than the larger varieties of corn.

Cat. No. 205B—Large pkt., 5c; 3 pkts., 10c; ¼ lb., 10c; 1 lb., 30c; 3 lbs., 75c (Postpaid). By express not prepaid, 10 lbs., \$1.50; 25 lbs., \$3.00.



If you are a Market Gardener let us give you our special prices on Wholesale quantities. You had better put in Pure, Genuine, and Unadulterated Seeds. It pays. Don't take a chance with cheap seed. They are dear at any price. You can't afford to grow weeds where you should be growing high grade vegetables. Get a good crop and a big smile.

When you buy a pound of seed be sure you are getting all solid seed, no chaff, no weeds, no dead or immature seed. Be sure they are Pure, Genuine, and Unadulterated.

**PURE, GENUINE AND
UNADULTERATED
IS OUR MOTTO**

We don't offer you several hundred varieties, but what we do offer you we specialize on, because in their line they are positively and absolutely the best.

Cucumbers

**Early Frame or
Short Green**

NOTE. We do not offer 20 or 30 varieties of Cucumbers like some seed houses; we offer you only four and each one a distinct type and different in every way. No matter for what purpose you may be growing Cucumbers you will find what you want in its very best form amongst the four we offer you. They are the best of their kind either for dill or sweet pickles, for slicing or for exhibition.

Land is money, work is money, sunshine is money, rain is money, they all contribute to make a good crop, but if your seed is poor, it is all lost. Don't take a chance on poor seed. It's always an expensive experiment. Order today.

Culture One ounce will plant fifty hills; two pounds will plant an acre. For early cucumbers sow April 1st, in a hotbed upon pieces of sod (grass side down), so that they can be readily transplanted to the open ground, in rich soil, when danger of frost is over, or protect by hand glasses. For early use, plant, if the weather has become settled and warm, in hills 4 to 6 feet apart each way; thin out to four of the strongest plants to each hill, after all danger from insects is over. They succeed best in a warm, moist, rich, loamy soil. Continue planting at intervals for a succession. The cucumbers should be gathered when large enough for use, whether required or not; if left to ripen, it destroys their productiveness. For pickles, plant from June until the middle of July. The yellow striped cucumber or squash beetle is the most serious insect enemy of this crop. Bordeaux Arsenate of Lead Mixture is by far the best remedy yet discovered. Dilute it with water, 3 ounces to the gallon, and spray it on the vines when in danger of the beetle or blight.

"Early Frame or Short Green"

This is the very best standard pickling variety. Also good for family use for slicing and pickling. A good variety for successional sowing, fruits straight and handsome, smaller at each end, bright green, flesh, tender and crisp, and makes fine pickles.

Cat. No. 206B—Large pkt., 5c; 3 pkgs., 10c; 1 oz., 10c; ¼ lb., 25c; 1 lb., 90c.

All Good, Why? Because We Specialize and Offer One Quality, Absolutely and Positively the Best

Woodland, Mich., 7-7-1912. I want to tell you everything is doing fine from those seeds you sent me last spring. I never saw such nice large peas and the corn is now ready to use; in fact, everything we sent for are all good. Yours truly, Mrs. Orr Hager.

Orofino, Idaho, Aug. 30, 1912. In regard to the garden seeds I received from you. Well I simply have to say this about your seeds. I find them good in every way. Yours very truly, Geo. Alteneider.

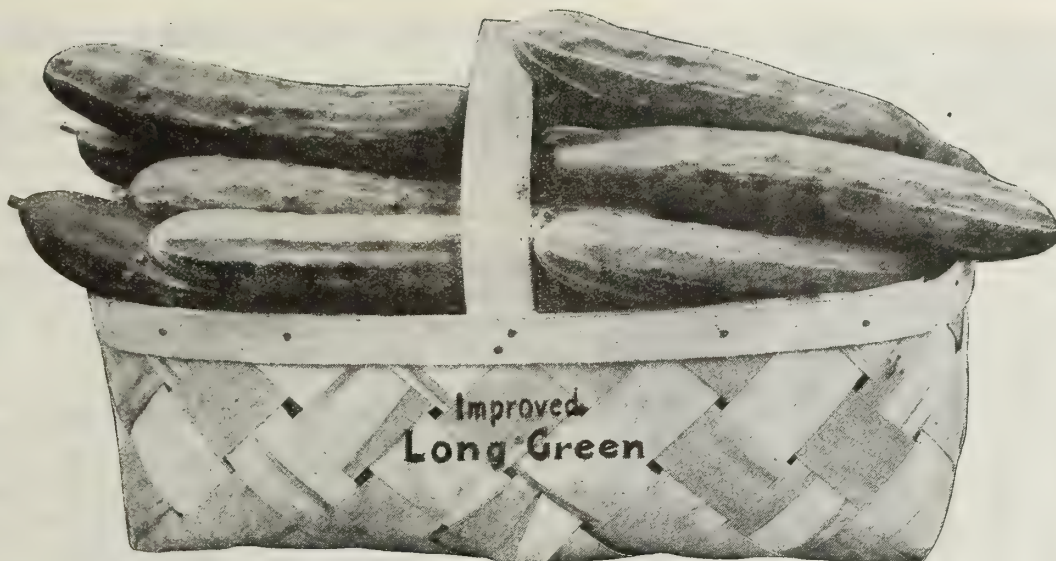
Sikeston, Mo., Oct. 27, 1912. We purchased some garden seed from you this spring and was well pleased with them. Mrs. Ella Whiteside.

George, Iowa, 8-21-1912. We are well satisfied with the seeds we got this spring. Yours truly, Louis A. Hilbrands, R. No. 3.

Hampton, Iowa, 7-19-1912. The seed we got last spring was just fine. Your friend, Berthel Christensen, R. No. 2.



Pure Genuine and Unadulterated Seeds that Grow



G-B Improved Long Green

A well known standard variety about 12 inches in length of excellent quality and flavor, when small make the finest of pickels, flesh is white and crisp. It is a very rapid grower and very productive; does well in almost any soil or climate. Our seed is selected from the best fruits only.

Cat. No. 207B—Large pkt., 5c; 3 pkts., 10c; 1 oz., 10c; ¼ lb., 25c; 1 lb., 80c.

G-B Improved White Spine

An extra early, exceedingly prolific and continuous bearing variety. The shape is unequalled being rather longer than most sorts, the color is a beautiful dark green, shading off a little paler toward the bloom end. It is one of the best cucumbers for slicing and general use. The flesh is firm and crisp.

The seed we offer has been taken from fruit selected for its ideal form, uniformity of size, shape and color and general appearance; an excellent variety either for the greenhouse or outdoor cultivation.

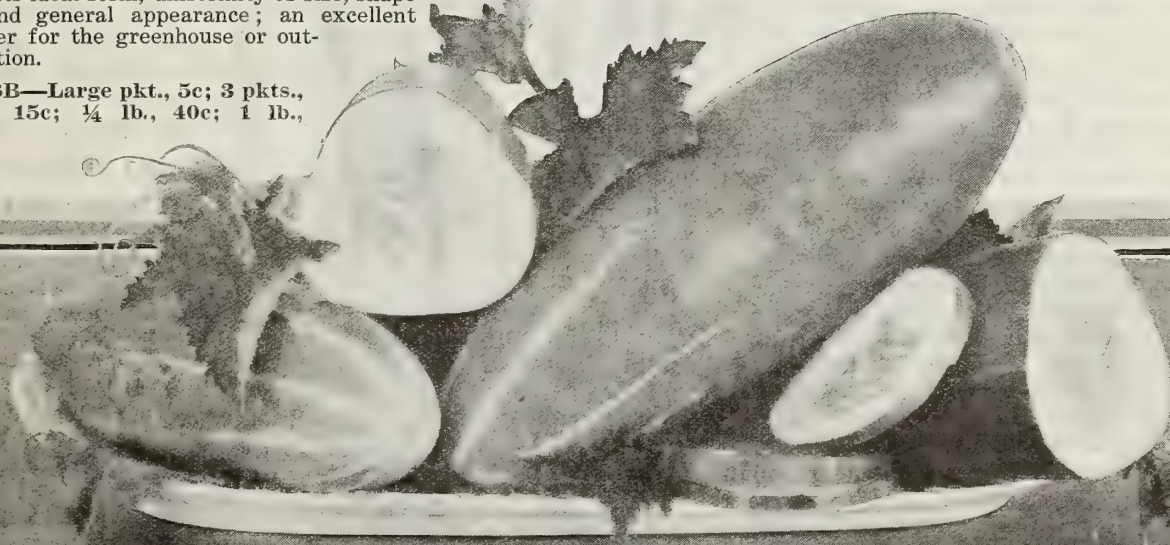
Cat. No. 208B—Large pkt., 5c; 3 pkts., 10c; 1 oz., 15c; ¼ lb., 40c; 1 lb., \$1.50.

"G-B Champion Pickler"

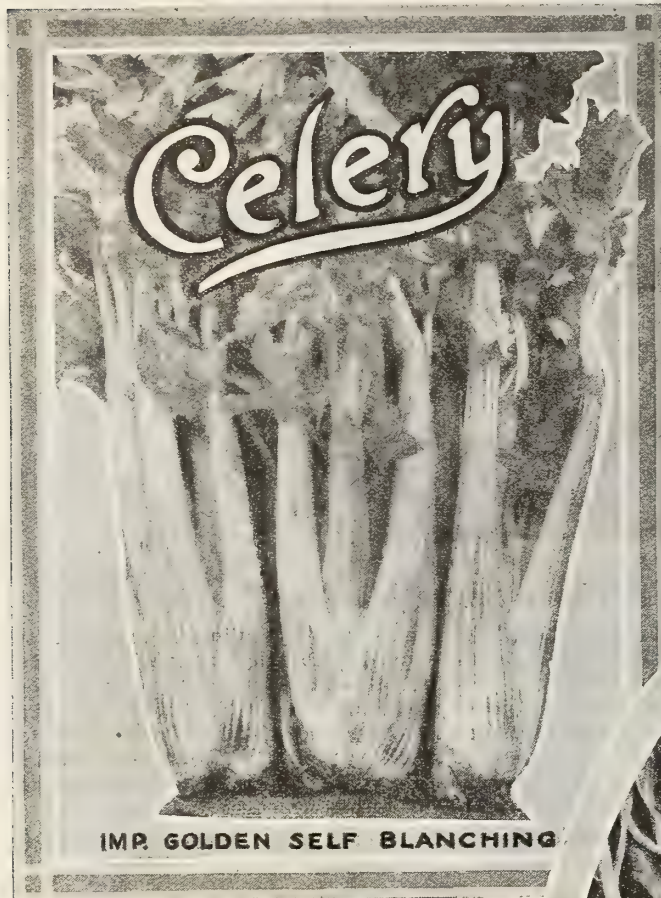
This is the best known pickling variety and is used almost exclusively by the great pickling factories because of its size and uniformity. It can be relied upon to produce an abundant crop of small, hard and crisp fruit, right throughout the season if they are pickled when ready and not permitted to ripen on the vine. A small packet of Galloway-Bowman's Champion Pickler Cucumber will grow enough Cucumbers to keep a good sized family from one season to another.

Cat. No. 209B—Large pkt., 5c; 3 pkts., 10c; 1 oz., 15c; ¼ lb., 40c; 1 lb., \$1.25.

NOTE: All our cucumber seed is saved from specially selected fruits by an expert, and only the largest and plumpest seeds saved—seeds that are sure to grow.



White Spine



IMP. GOLDEN SELF BLANCHING

Culture Celery seed is slow to germinate and when early plants are wanted [it should be sown in a hotbed in February or March, barely covering the seed. When the plants are large enough, transplant into cold frames, one-and-a-half inches apart, water and attend carefully; keep the temperature moderate, and when the weather is suitable, from middle of May till June, transplant into the open ground. For main crop, sow in shallow drills in the open ground, as soon as the soil can be worked. See that the bed is kept well watered. Rolling or pressing in the seed will give more satisfactory results than merely covering it. When the plants are two inches high, thin out to three inches apart in the rows; and when four inches high, cut off the tops to make the plants stocky. The best time to plant is that which will bring the plants to maturity during the cool, moist weather—in this locality from the middle of June to early in July. Never hoe or earth up in moist weather, nor when the plants are wet with dew as it would cause serious injury. One ounce of seed will produce 4,000 to 5,000 plants.

"G-B Imported Solid Crystal White"

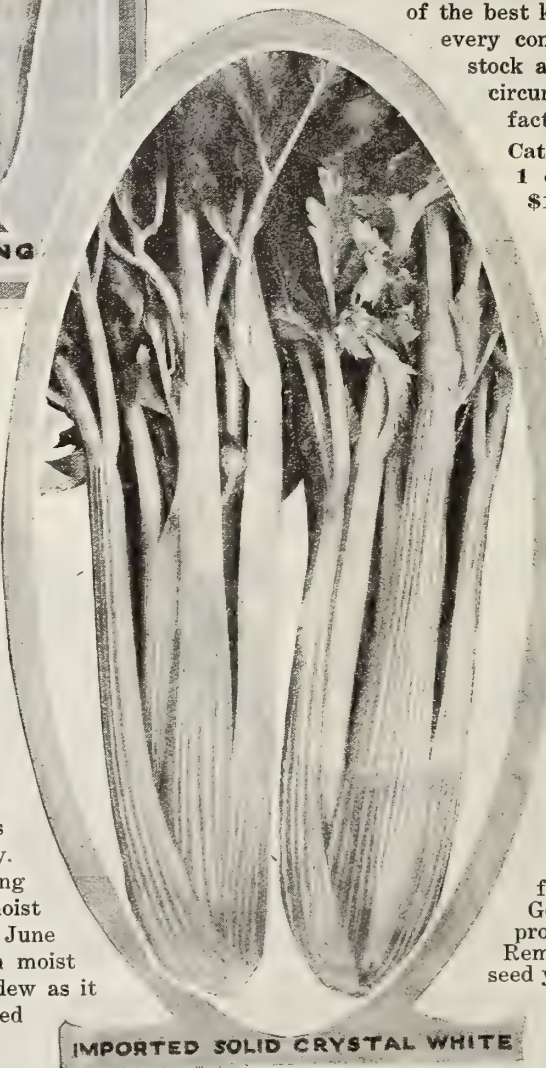
As a solid white variety it has no equal. The heart is full and solid and the inner and outer stalks are a pure white color. This variety is much grown by Market Gardeners owing to its attractive appearance and the demand there is for a good solid white celery for table use. The flavor of this celery is delicious and is bound to please the most critical. In short it is without doubt the best white celery grown today either for the market or the home garden. Our seeds are specially imported French stock and can be relied upon to give entire satisfaction.

Cat. No. 210B—Large pkt., 10c; 3 pkts., 25c; 1 oz., 45c; ¼ lb., \$1.30; 1 lb., \$4.50 (Postpaid).

G-B Golden Self Bleaching Fine French Imported Seed

This celery originated in France and has become the leading variety in America for all purposes. The quality is the very best, being solid, tender, crisp, with a soft golden yellow color. The flavor is delicious, crisp and nutty. In habit it is dwarf, stocky, uniform in height and very compact. It is entirely free from stringiness. We stock only the French grown seed, raised by one of the best known Celery raisers and we have every confidence that there is no better stock anywhere and that under ordinary circumstances this seed will give satisfaction wherever grown.

Cat. No. 211B—Large pkt., 10c; 1 oz., \$1.25; ¼ lb., \$4.00; 1 lb., \$15.00 (Postpaid).



IMPORTED SOLID CRYSTAL WHITE

G-B Giant Pascal

One of the most popular sorts for winter use. The stalks are very large, crisp and nutty and of very fine flavor. It blanches very easily and quickly and retains its freshness much longer than any other variety.

Cat. No. 212B—Price 5c; 3 pkts., 10c; 1 oz., 25c; ¼ lb., 50c; 1 lb., \$2.00.

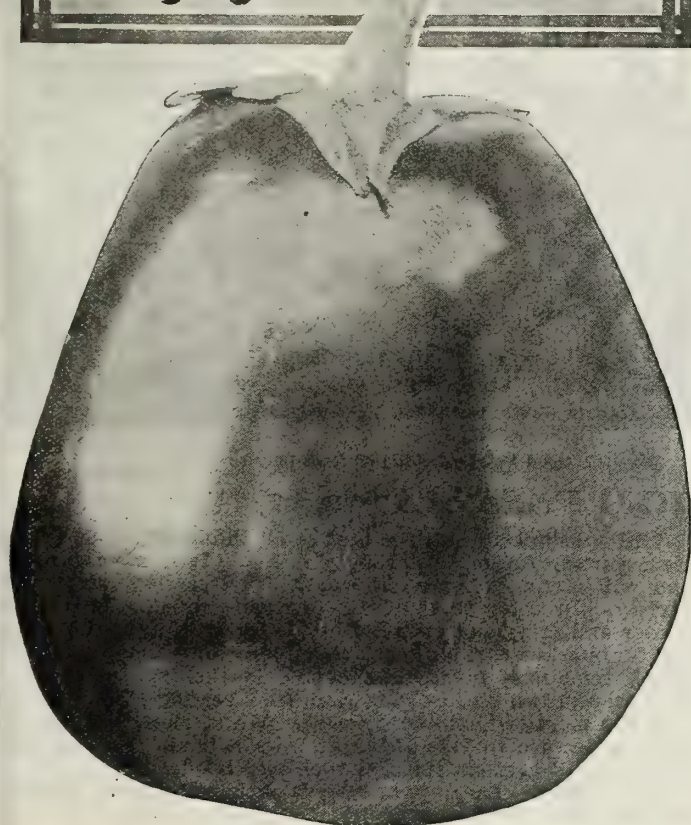
A few things you Won't Find in our catalogue

Billion Dollar Potatoes. Five Million Dollar Tomatoes. Eight Hundred Bushels per acre Potatoes. Six day Radishes. One thousand Bushels to the acre Beans. Two thousand Bushels to the acre Onions.

No, Mr. Customer, we only claim for our seeds that they are all Pure, Genuine and Unadulterated and will produce crops equal to any anywhere. Remember that when you spend 10c on seed you often pay 5c for bluff and 5c for seed that in many cases is only inferior. We have started a pure seed campaign, come and join us.

Order Early, Cash in the Introductory Coupon Check Shown on Page 27.

Egg Plant



Culture Sow seeds in hotbed or ward greenhouse in March or early in April; if no hotbed at hand they may be grown in any light room where the temperature will average 75 degrees. When plants are two inches high, or have formed two rough leaves transplant them into beds and set 3 to 4 inches apart. Keep beds closed and very warm, shading from direct rays of the sun and giving an abundance of water until the ground is warm and all danger of frost and cold nights is past; then harden the plants by gradual exposure to the sun and air; and increase the supply of water; transplant to the open ground late in May or June, into warm rich soil, 2 to 3 feet apart each way, according to the richness of the ground. When about a foot high draw the earth up to the stems. Care should be used in cutting the fruit, so as not to disturb the roots of the plants. One ounce of seed produces about 1000 plants.

"New York Improved Purple"

This is the leading Egg Plant for home and market. The plant is a very vigorous grower. The fruit is large, fine, and free from thorns and can be depended upon to produce until frost. The skin is a rich deep purple and the flesh is white and of good flavor. There is no better Egg Plant than our New York Improved Purple. The seed is specially saved and can be relied upon to give every satisfaction.
Cat. No. 215B—Large pkt., 10c; 3 pkts., 25c; 1 oz., 35c; ¼ lb., \$1.00; 1 lb., \$3.50.

No matter how good your land—No matter how much you weed, dig, or hoe—No matter how much the sun shines—No matter how much it rains or you irrigate (all of which is money), without good seed, all is lost—Good seed is the cheapest always.

Endives-Kohl Rabi

Improved Extra Green Curled Endives

For a succession of crops from summer to winter sow in May, June, July, and August. As the plants get about 6 inches high, plant out in shallow trenches about 1 foot apart each way; water when planted and keep moist until established; tie them up to blanch as they get advanced to full growth, and cover them with hay or straw to protect them from frost. Endive is more useful as a salad late in the year; the leaves are also eaten boiled, and are very good.
Cat. No. 216B—Pkt., 5c; 3 pkts., 10c; 1 oz., 15c; ¼ lb., 40c; 1 lb., \$1.20.

Kohl Rabi

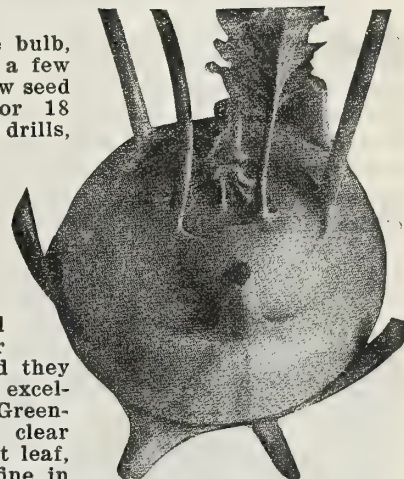
Early White Vienna—One ounce of seed will sow a drill of about 300 feet.

Culture

The edible part is the bulb, which grows on a stalk a few inches above ground. Sow seed in drills allowing 16 or 18 inches space between the drills, and thin to 4 or 6 inches apart in the row. First sowing may be made as soon as ground can be worked in spring and successive ones repeatedly later.

When young and tender they are fine for table use; when matured they keep splendidly and are excellent for feeding stock. Greenish white outside with clear white flesh; smooth short leaf, good for forcing, extra fine in quality. The best early Kohl Rabi for table use.

Cat. No. 217B—Large pkt., 5c; 3 pkts., 10c; 1 oz., 15c; ¼ lb., 50c; 1 lb., \$1.50.



Herbs

Sweet, Pot, Culinary, and Medicinal

Herbs delight in a rich, mellow soil. Sow in early spring in shallow drills 1 foot apart; cover lightly with fine soil, and when up a few inches thin out, or transplant into prepared beds. Care should be taken to harvest properly. Do this on a dry day, just before they come into full blossom; dry quickly in the shade, pack closely in bottles or dry boxes to exclude the air. Varieties in the list marked with a star are perennials. Cat. No. 218B—

	Pkt.	Oz.
Anise	5c	10c
Balm	5c	15c
Caraway	5c	10c
Catnip, or Catmint	5c	30c
Coriander	5c	10c
Dill	5c	10c
Fennel, Sweet	5c	10c
Horehound	5c	20c
Lavender, Sweet	5c	15c
Peppermint	10c	
Rosemary	5c	35c
Rue	5c	20c
Saffron	5c	10c
Summer Savory	5c	10c
Sweet Basil	5c	10c
Sweet Marjoram	5c	15c
Thyme	5c	35c
Winter Savory	5c	20c
Wormwood	5c	20c
Sage	5c	10c



Galloway Bros. Bowman Co. Waterloo, Iowa, U.S.A.



A Good Batch of Pride of Iowa Lettuce

Culture Lettuce seed should be sown very early in the spring and at intervals of 15 days for a succession; sow the seed in shallow drills—being careful to firm the soil well over the seed and thin to 4 inches apart in a row. Two ounces of seed will sow 150 feet of rows. 4 to 5 lbs. seed required per acre. Lettuce also does well in greenhouses or hotbeds in the winter and when grown there, gives entire satisfaction.

"G-B Pride of Iowa"

Without doubt this is the best of all the head lettuces. An ideal variety for early spring planting. It is a very hardy and will stand extremes of weather better than any other variety. In color it is of an attractive green. It is both tender and crisp and does not get bitter with age; the heads cut for market can be kept fresh for a long time, a quality which renders it invaluable for the market gardener. Our own crop grown on our Waterloo Seed Testing Farm was all that the most critical could desire. We strongly urge lovers of head lettuce to give Pride of Iowa a trial. We are confident it will give satisfaction wherever tried.
Cat. No. 220B—Large pkt., 10c; 3 pkts., 25c; 1 oz., 20c; ¼ lb. 60; 1 lb., \$2.00 (postpaid).

Grand Rapids

The most popular variety for greenhouse or frames. It will make a quick growth even under adverse circumstances. It is of handsome appearance; a strong grower and not subject like so many other varieties to rot; will remain fresh a long time after cutting, making it specially suitable for Market Growers. Its upright habit of growth will permit of much closer planting than is usual with lettuce plants; does not form heads but makes large compact bunches of light, crisp, delicious leaves.

Cat. No. 221B—Large pkt., 5c; 3 pkts., 10c; 1 oz., 15c; ¼ lb., 40c; 1 lb., \$1.20 (postpaid).

Send Us In At Least One Order, Use Coupon Check

Lingle, Wyo., 8-28-1912.
My garden truck is fine from the seed I got of you. I had the finest garden beets in the country. I certainly can recommend your seeds as pure and not mixed. They are the best ever. Yours truly,
Mrs. Edna Brewer.

Ft. Madison, Iowa, 9-3-1912.
In regard to the garden seed. We were well pleased with everything that we got. It was true to name and everything grew fine and yielded abundantly.
C. G. Anderson.

Detroit, Minn., 8-23-1912.
The seed which I got from you this spring has given very satisfactory results. The cauliflower particularly has made an excellent showing.
Yours truly,

Gust Blom.

Carmel, Maine, Dec. 11, 1912.
Galloway Bros., Bowman Co., Waterloo, Iowa.
Dear Sirs: The seed which I received from your house were very satisfactory. I think every one must have come. I have never had better onions.
Please send me a catalogue for next season when published.
R. F. D. No. 2 P. O. Bryant, Carmel, Maine.





Pure Genuine and Unadulterated Seeds that Grow



Big Boston

A very desirable large variety for forcing in cold-frames and for outdoor planting. Plants large, hardy, vigorous. Leaves broad, smooth, thin, of a light green color. One of the most popular sorts in the South for shipment to Northern markets. It forms good sized heads and does particularly well during the cool fall and spring months. Heads of a pleasing light-green color, firm and of superior quality. When grown in cold frames, the heads are not as tight as when grown outside. One of the best market varieties we know.

Cat. No. 222B—Large pkt., 5c; 3 pkgs., 10c; 1 oz., 15c; ¼ lb., 40c; 1 lb., \$1.20.

"May King"

This is a German introduction of very great merit. It has solid heads and will bear transportation better than almost any other variety. For early spring planting in the open ground or under glass it is unequalled. The plants grow 6 to 7 inches in diameter and the outer leaves are so closely folded the plant is practically all head. It is hardy as well as very early and a quick grower, thus ensuring tenderness. Leaves are a light green, the outer leaves slightly tinged with brown, inner leaves a bright yellow. The flavor is particularly rich and buttery. It is an immense favorite everywhere both in the home garden and the market.

Cat. No. 223B—Large pkt., 10c; 2 pkgs., 15c; 1 oz., 20c; ¼ lb., 50c; 1 lb., \$1.50.

Prizehead

Forms a large, tender, crisp, loose head of bright green, crimped leaves tinged with brownish red, of superior flavor, long remaining sweet and slow to run to seed. A splendid variety either for forcing or the open ground. This is one of the finest lettuces for all the year round use in cultivation.

Cat. No. 224B—Large pkt., 5c; 3 pkgs., 10c; 1 oz., 15c; ¼ lb., 40c; 1 lb., \$1.20.

"Galloway-Bowman's Black Seeded Simpson"

Much larger than ordinary Simpson, produces a compact mass of leaves, light color, crisp and nutty. Few lettuces are more widely known than Simpson's Black Seeded. It is an excellent kind, either for forcing under glass or for the open ground, a good heat resister and remains long in edible condition. We strongly recommend Black Seeded Simpson to anyone requiring a good lettuce.

Cat. No. 225B—Large pkt., 5c; 3 pkgs., 10c; 1 oz., 20c; ¼ lb., 45c; 1 lb., \$1.20.

Giant White Cos.

Although not well known in America this beautiful lettuce is almost universally grown on the continent of Europe. In England or France it would be hard to find a garden without it. As a solid lettuce it is without an equal. Last season we had quite a number of our customers inquire for it and we made up our minds to secure a stock this season and list it with our other lettuces, thus giving our customers an opportunity to give it a trial. The Giant White Cos is the finest and most highly selected White Cos Lettuce in cultivation. It is of large size, perfect form, self folding and very crisp. It is hardly ever known to run to seed. We feel sure our thousands of English, French and German customers will appreciate this opportunity to secure a lettuce like the one they used to grow at home.

Cat. No. 226B—Large pkt., 10c; 2 pkgs., 15c; 1 oz., 20c; ¼ lb., 45c; 1 lb., \$1.50.

Remember

We specialize in everything we offer, we don't have 20 different names for practically the same thing but give you only one of its kind absolutely and positively the best, no seconds or thirds. Try some of our pure seeds. Cash in introduction coupon check, page 27.

They do well away up in Maine

TESTIMONIAL.

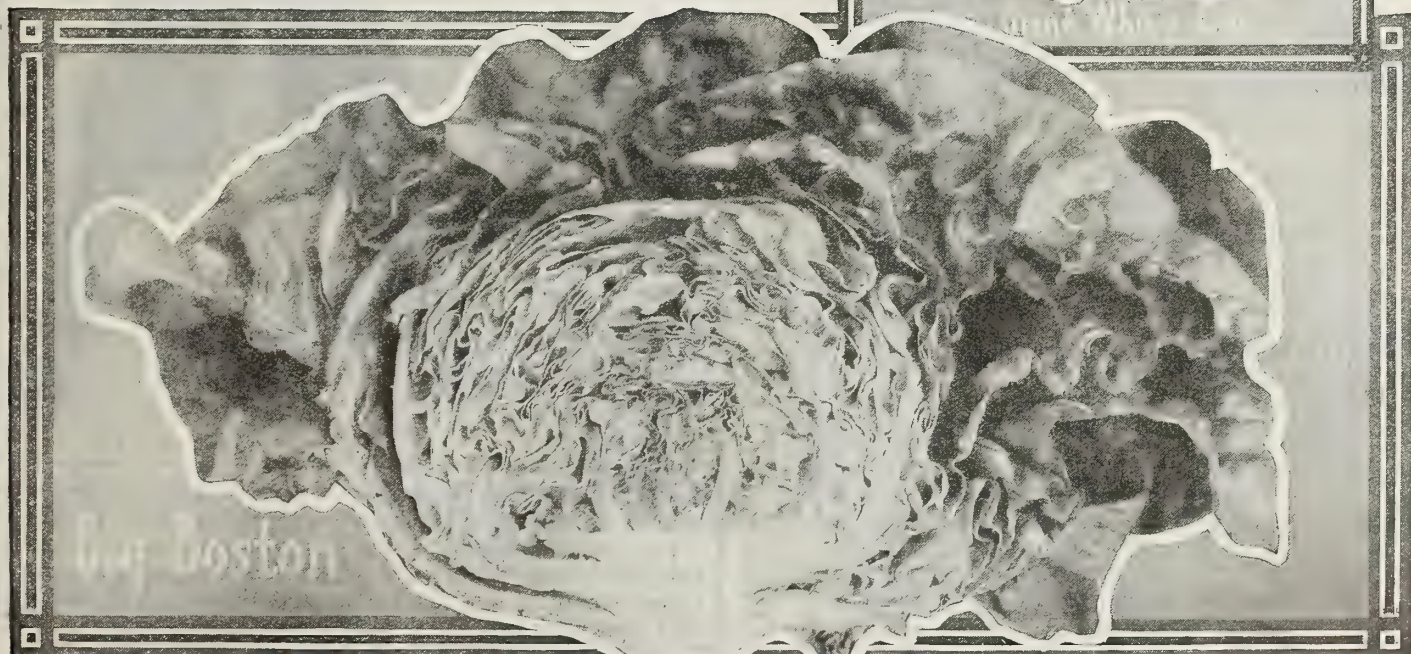
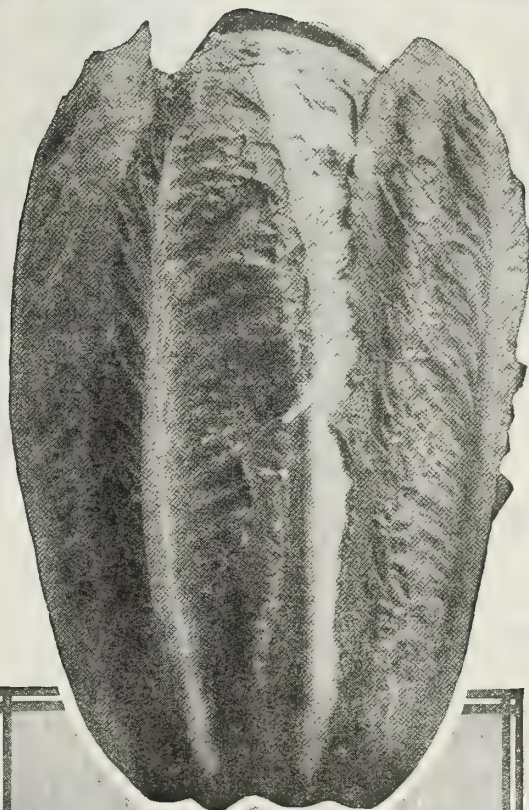
N. Anson, Me. 9-2-1912

In regard to your seeds that I purchased last spring will say that I can recommend them to anybody.

Very truly yours,

E. H. Gooch.

Chief Engineer, Franklin Power Co.





Galloway Bros-Bowman Co. Waterloo, Iowa, USA.



WATERMELONS

Culture The soil for water melons must be light, rich and sandy, for if grown on a heavy soil the quality will be poor and they will not be so early. When there is no more danger of frost, drop 3 to 10 seeds, 8 to 10 feet apart each way, covering about $\frac{3}{4}$ inch deep. As soon as plants commence to run, thin out to 3 best plants in a hill and cultivate until the vines cover the whole ground. If slow to fruit, pinch off the ends of the growing shoots. Ash or air-slacked lime sifted on the young plants while dew is on is good to keep the insects out. One ounce will plant about 30 hills, and it takes 3 to 4 pounds to an acre.

Kleckley Sweet This high bred water melon was originated in the South by Mr. W. A. Kleckley, after whom it was named. It is especially celebrated for its superb and delicious flavor. It is a long oval shaped melon, with a deep green rind. The flesh is scarlet, very firm and of luscious quality and crisp texture. It is becoming more widely popular every year. It is a really grand family melon. It gives satisfaction wherever grown and is specially adapted to the Northern latitudes. The rind is too thin to permit of long distance shipment.

Cat. No. 230B—Large pkt., 10c; 2 pkts., 15c; 1 oz., 20c; $\frac{1}{4}$ lb., 40c; 1 lb., \$1.40 (postpaid). Express 5-lb., \$6.00; 10-lb., \$11.50.

"Phinney's Early" One of the best of the earlies, very extensively grown in the Corn Belt districts and highly spoken of by all who have grown it. A fine oblong melon, flesh pink, crisp and delicious flavor. An abundant bearer.

Cat. No. 231B—Large pkt., 5c; 1 oz., 10c; $\frac{1}{4}$ lb., 20c; 1 lb., 60c.

Ice King Fruit nearly round, with dark green skin, flesh deep pink, very sweet and melting, a general favorite with Market Gardeners everywhere, a very desirable melon in every way.

Cat. No. 232B—Large pkt., 5c; 1 oz., 10c; $\frac{1}{4}$ lb., 20c; 1 lb., 60c.

Halbert Honey This is a grand melon, equaling in flavor and as handsome in color as Kleckley's Sweet, but much more regular in form and a great deal more productive. It grows quite as long as the Kleckley's Sweet. The melons are blunt at both ends and generally free from the slightest appearance of neck, in size the average 18 to 20 inches in length and 6 to 8 inches in diameter, color of rind a deep glossy green. The flesh is a beautiful deep crimson, extending to within $\frac{1}{2}$ inch of the rind which like the flesh is so tender that it will not stand shipping any distance unless carefully handled. It is essentially the home melon for the home garden and local markets. Our pure genuine and unadulterated seed is bound to give every satisfaction as it is saved only from the finest and best fruits.

Cat. No. 233B—Large pkt., 5c; 1 oz., 10c; $\frac{1}{4}$ lb., 20c; 1 lb., 60c.

Dixie A decidedly popular Melon. A cross between the Kolb's Gem and the old reliable Mountain Sweet. It surpasses the Kolb's Gem as a long distance shipping Melon, while it fully equals Mountain Sweet in its excellent flavor, and is ten to twelve days earlier than either. In shape about one-third longer than thick; color of skin dark green and beautifully striped; rind thin, but remarkably hard; flesh bright scarlet, sweet and juicy.

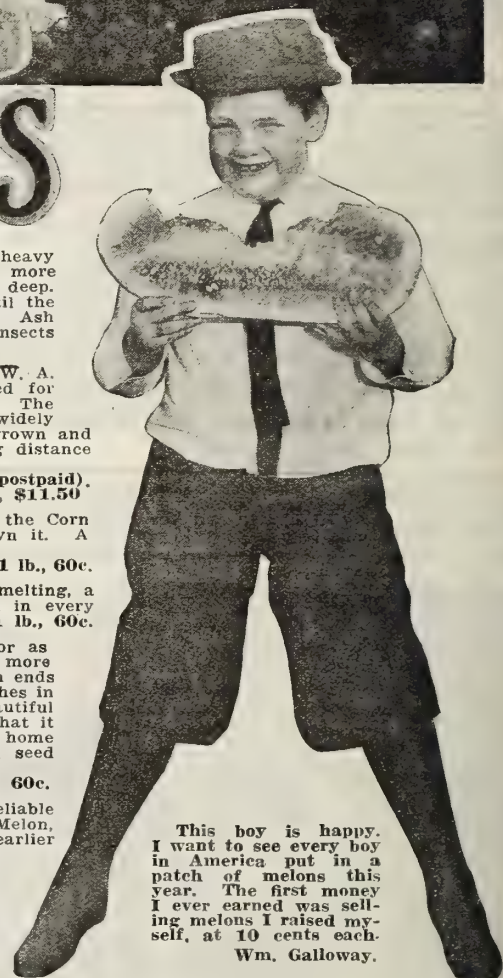
Cat. No. 234B—Large pkt., 5c; 1 oz., 10c; $\frac{1}{4}$ lb., 20c; 1 lb., 60c.

Tom Watson An exceedingly fine melon for which there is a tremendous demand. It is oblong in shape, with a deep green skin over which is a thick netting. It is quite distinct from all other varieties. It originated in Georgia, a state noted for the production of fine water melons and this variety is a fine example of what a really first class water melon should be. The rind is thin, but very tough and the flesh is a bright attractive red color of a sweet delicious and satisfying flavor. Its fine appearance and quality makes it most desirable for both the home garden and the market. We cannot really say too many good things for this fine water melon.

Cat. No. 235B—Large pkt., 10c; 1 oz., 15c; $\frac{1}{4}$ lb., 40c; 1 lb., \$1.40. By express 1 lb., \$1.25; 5 lbs., \$5.00; 10 lbs., \$9.50.

"Sweet Heart" A real favorite and one of the best. This fine variety is an entirely distinct and handsome water melon. Vines very vigorous and productive, ripening early, fruit large, nearly round, very heavy, uniformly marked with light and green lines, flesh bright red, solid and very tender, melting and as sweet as sugar. The melons retain their good qualities for a long time after ripening and being gathered. It at once establishes itself as a prime favorite wherever grown.

Cat. No. 236B—Large pkt., 5c; 1 oz., 10c; $\frac{1}{4}$ lb., 20c; 1 lb., 60c.



This boy is happy. I want to see every boy in America put in a patch of melons this year. The first money I ever earned was selling melons I raised myself, at 10 cents each.

Wm. Galloway.

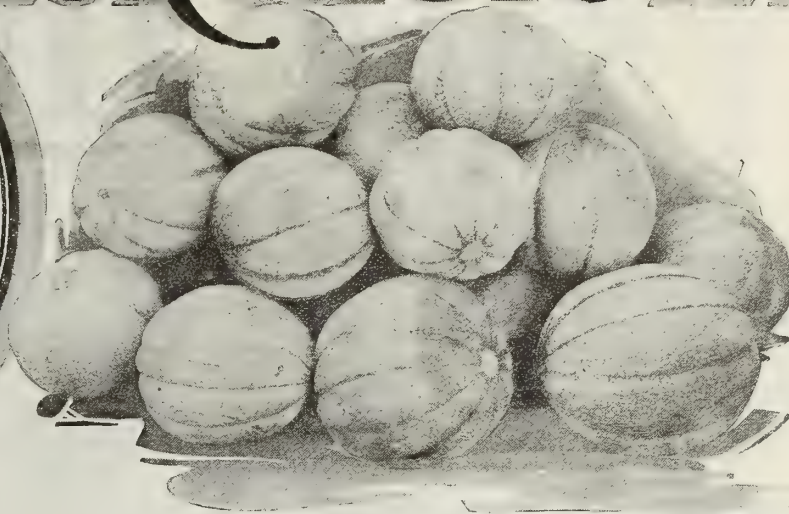
This year has been a great one for bumper crops. The only people complaining are those who bought cheap seeds that won't grow well under the most favorable conditions. It always pays to start right by getting Pure, Genuine and Unadulterated Seeds. The seeds that always grow.



Pure Genuine and Unadulterated Seeds that Grow



Muskmelons



Culture

Melons thrive best in a light, rich soil. Plant early in May, when the ground has become warm and dry, in hills 5 to 6 feet apart each way for Muskmelons, 8 to 10 feet for Watermelons. Previous to sowing the seed, mix a few shovelfuls of well-rotted manure in each hill and plant in each 12 to 15 seeds; after all danger of bugs is over, thin out to three or four plants per hill. A few hills for early use may be had by sowing on pieces of sod in a hot-bed and when warm

enough transplant to open ground. Melon vines are subject to the same destructive insect and fungous foes as are cucumber and squash vines. Early and repeated spraying with Bordeaux Arsenate of Lead Mixture is always advisable for these crops. **Notice**—If we had fifty different varieties to pick these five are the ones we would pick out. Try some of all. They are all good. One ounce will plant 50 hills; 2 to 3 lbs. in hills per acre.

Burrell's Gem

An orange fleshed Rockyford for a market where the orange fleshed muskmelons are in demand. They bring much higher prices. It has a tough, thin, rind well arched ribs, covered with a closely laced and interlaced gray netting. Shape quite elongated, flesh of a reddish orange, very thick, fine grained and juicy. The melons average about 2 1/4 lb. with an average size of 6 inches long, 4 1/2 inches thick and will crate more evenly than any other melon grown.

Cat. No. 237B—Large pkt., 5c; 3 pkts., 10c; 1 oz., 15c; 1/4 lb., 40c; 1 lb., \$1.20.

"G-B Extra Early Hackensack"

A productive and profitable strain of the old Hagensack. The new form is about two weeks earlier and almost of equal size, the melon weighing from 5 to 10 lbs. each. In shape and color it is similar to the parent, the difference being in point of earliness which is sufficient to commend it to market gardeners. It is a round melon, flattened at the ends and ribbed. The skin is netted and the flesh which is green is rich and very sweet. It is a very prolific bearer and fine for shipping. Also for the private garden.

Cat. No. 238B—Large pkt., 5c; 3 pkts., 10c; 1 oz., 15c; 1/4 lb., 40c; 1 lb., \$1.20.

"Paul Rose or Petoskey"

Owing to its superiority over all other muskmelons as a shipper there is a very great demand for it from Market Growers. It is an ideal melon, form oval, about 5 inches in diameter, shape and general appearance similar to Netter Gem of a light green or faint golden hue when fully ripe; flesh very firm; a fine rich orange red, like the Osage, but much sweeter and better flavored; ripens right close down to the rind and the seed cavity is exceedingly small. It is just the right melon for hotel and private use, being of convenient size. Really has no equal as a market melon for professional growers and certainly one of the best sorts for the home garden. We cannot too strongly recommend Paul Rose or Petoskey to melon growers looking for a really high grade muskmelon.

Cat. No. 239B—Large pkt., 10c; 2 pkts., 15c; 1 oz., 20c; 1/4 lb., 50c; 1 lb., \$1.50.

G-B Improved Rockyford Cantaloupe

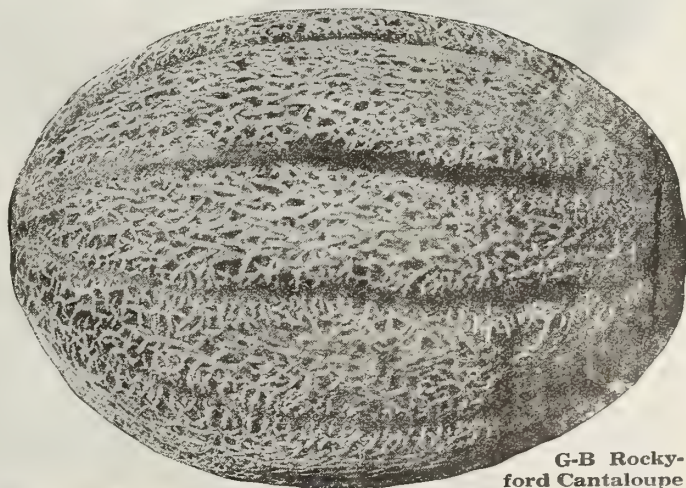
This is one of the best known of all muskmelons. It is of the Netted Gem Type, oval in shape and beautifully netted. It has been improved at Rockyford, Colorado, a district noted for its fine muskmelons. They average about 6 inches in length and are of most delicious flavor. The flesh is smooth grained and light green color. We put in a good batch of these on our Seed Testing Farm and they were all that could be desired, perfectly true to name and type.

Cat. No. 240B—Large pkt., 5c; 3 pkts., 10c; 1 oz., 15c; 1/4 lb., 40c; 1 lb., \$1.20.

"Osage or Miller's Cream"

A very popular melon of medium size nearly round, with skin ribbed and slightly netted. The flesh is salmon color and very luscious flavor. The flesh is exceptionally thick, there being scarcely any cavity in the center of the largest fruit. A favorite variety for the later markets.

Cat. No. 241B—Large pkt., 5c; 3 pkts., 10c; 1 oz., 15c; 1/4 lb., 40c; 1 lb., \$1.20.



G-B Rockyford Cantaloupe

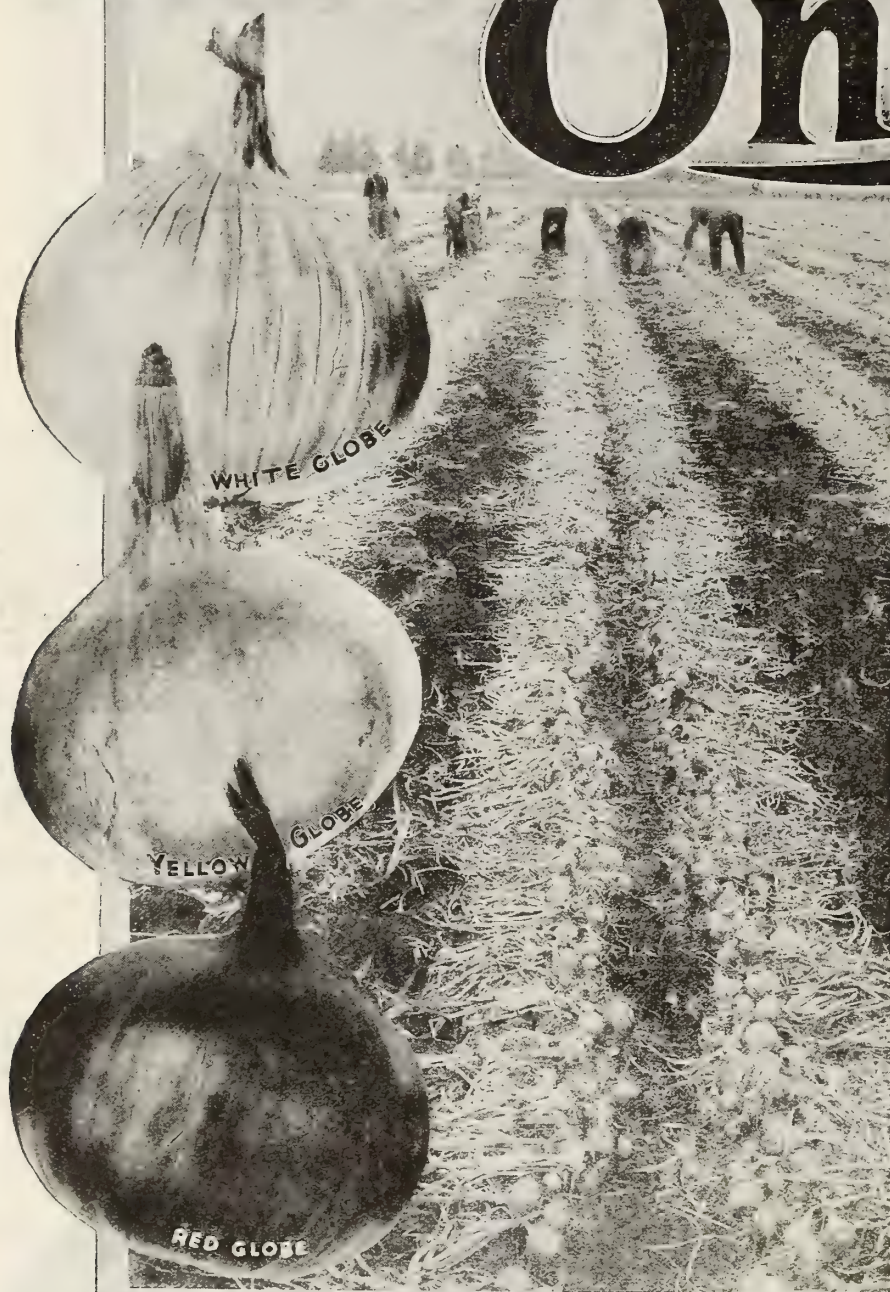


Galloway Bros.-Bowman Co Waterloo, Iowa, U.S.A.



Re-selected

Onions



One ounce for 200 feet of drill,
4 to 5 pounds for one acre.

Culture For early green or bunching onions sow seed of Silver Skin or other hardy white varieties in early August, in well prepared and well drained rich, loamy soil, giving one foot space between the rows, and using 20 pounds of seed per acre. In many localities they winter well without mulch or other protection. For dry fall bulbs, select a clean, rich, well drained and well manured piece of land, prepare a perfect seed bed and sow seed in early spring in drills 15 inches or so apart, using 4 to 5 pounds of fresh seed per acre. Use wheel-hoe and weeders freely and thin plants to stand at least 2 inches apart in the rows. Pull when tops begin to die down, cure and sell, or store in a cool dry place. For sets, select clean, sandy soil of medium fertility, prepare it well in early spring and at once sow seed in drills, a foot apart, using 40 to 60 pounds of seed per acre. Gather the sets when ripe, and store in a dry, airy place. They may be wintered in a slightly frozen condition, but must be protected from repeated freezing and thawing. In early spring following, plant them in shallow drills 12 inches apart, and about two inches apart in the drill.

By sowing seed of the Spanish type, such as the Prizetaker and Southport Globes, under glass in January, February or even March, and transplanting in April to open ground 3 to 4 inches apart in the rows, bulbs of immense size may be produced.

Southport White Globe

An onion that always fetches tip-top prices in the market owing to its handsome appearance. It is silvery white in color, globe shaped in form, flesh pure white and of most delicious flavor and a grand keeper. The onions measure from 2½ to 3 inches in diameter and are wonderfully uniform. When ripe the bulbs should be stored in a dry shed to dry off. Under favorable circumstances Southport White Globe will yield up to as high as 900 bushels to an acre, making it an ideal crop for the market gardener. Its merits as a home garden onion are too well known to require any recommendation from us.
Cat. No. 601B—Large pkt., 5c; 1 oz., 20c; ¼ lb., 50c; 1 lb., \$1.75.

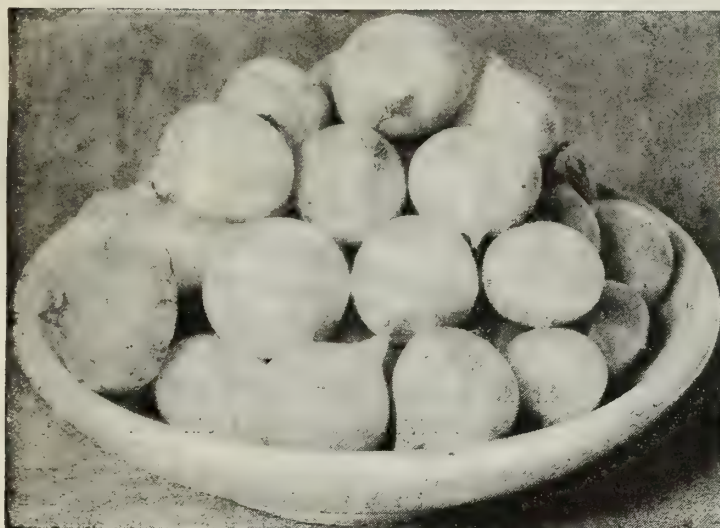
A Fine Field of Our Southport White Globe Onion

Southport Yellow Globe This is a very popular onion either for home use or the market. An onion that always gives satisfaction. It is an enormous yielder, very hardy and in every respect reliable. They grow very uniformly in shape and color. They are veritable globes of gold. They are very large, growing from 9 to 10 inches in circumference. The skin is an attractive light golden yellow. The flesh snow white, solid and juicy. We are confident that all customers who entrust their orders for these onions with us will be delighted with their crop for our seed is saved only from roots selected for their trueness of type and color. We handle only one grade of seed absolutely and positively the best.
Cat. No. 242B—Large pkt., 5c; 1 oz., 20c; ¼ lb., 50c; 1 lb., \$1.75.

Southport Red Globe A good many grades of this onion are put upon the market which are anything but true to name. The seed we offer is the true Southport Red Globe and can be depended upon to give entire satisfaction wherever grown. It's a very handsome onion of immense size, averaging 9 to 10 inches in circumference, solid, heavy and of perfect globe shape. The skin is a rich purplish red, flesh pure white, very crisp and mild. It is very hardy and a grand keeper; yields immense crops of handsome bulbs, averaging under favorable conditions as high as 900 to 1000 bushels to the acre. We recommend this as the best that can be produced and certain to yield a bumper crop under careful treatment.
Cat. No. 243B—Large pkt., 5c; 1 oz., 20c; ¼ lb., 50c; 1 lb., \$1.75.



Pure Genuine and Unadulterated Seeds that Grow



G-B Favorite Pickler

Prizetaker—"The King of All Onions"

This magnificent onion is unexcelled as a money maker or for home use. Prizetaker is by far the handsomest, most productive, most popular and best of all Yellow Globe Onions. It is a bright clear straw color and always grows to a uniform shape, which is a perfect globe. It has a very small neck and ripens without stiffness of the neck. In the open market it never fails to attract attention on account of its beauty. It always brings a much better price than any other onion. The bulbs grow to an enormous size, often measuring 10 to 15 inches in circumference. The keeping qualities are all that can be desired. The bulbs appear to be as firm and solid in the spring as when stored in the fall. It has proven itself a real acquisition to farmers and gardeners and is today admitted to be the largest, finest flavored and most superior Yellow Globe Onion offered to the public. You never will regret giving this magnificent onion a place in your garden. Get some of our pure, genuine, and unadulterated seed. It grows.

Cat. No. 244B—Large pkt., 5c; 3 large pkts., 10c; 1 oz., 20c; ¼ lb., 60c; 1 lb., \$2.00.

G-B Select Danver's Yellow Globe

A large early variety, an abundant cropper, very thick bulb, flat with slightly convex bottom, fine full oval top with a small neck and rich brownish yellow skin, just the onion for critical growers. It is an excellent keeper and perhaps the best paying onion that is grown for general crop. It has been the leading variety for years. If you want to grow a fine crop of these handsome onions get our specially selected seed. It is absolutely the best you can buy and we guarantee you will be delighted with it.

Cat. No. 245B—Large pkt., 5c; 3 large pkts., 10c; 4 oz., 20c; ¼ lb., 50c; 1 lb., \$1.75.

G-B Waterloo Wonder

A tremendous onion of the Yellow Globe Type. The largest and heaviest cropper in existence. Its handsome form immediately attracts the attention and admiration of all who see it. The skin is pale yellow. The flesh snow white and the flavor delicious. As an Exhibition Onion it is without an equal. The bulbs attain to an immense size, bulbs of 2 to 2 ½ lbs. each being quite common, notwithstanding their great size. They are as solid as a rock. It is a good keeper and those who like an onion raw we recommend it on account of its acceptable Pungent flavor. Seed very scarce.

Cat. No. 246B—Large pkt., 10c; 2 large pkts., 15c; 1 oz., 30c; ¼ lb., 90c; 1 lb., \$2.70.

G-B Favorite Pickler

An extra early, very small, round and handsome variety. The color is a beautiful waxy white, flavor mild and delicate. This onion is used in all the best known pickle factories in this and other countries. A real favorite for the home garden owing to its very early maturity. Will mature from seed as early as those raised from the ordinary onion sets. As a pickler this delightful little onion stands absolutely by itself, unsurpassed and unsurpassable.

Cat. No. 247B—Large pkt., 5c; 3 large pkts., 10c; 1 oz., 20c; ¼ lb., 60c; 1 lb., \$1.75.

Large Red Wethersfield

(Re-Selected Seed)

Quite a number of strains of this celebrated onion are offered, but we are confident our stock cannot be surpassed. As a keeper it cannot be beaten. It is an enormous yielder, producing anywhere from 600 to 900 bushels per acre. The skin is a deep purplish red, flesh pure white. The handsome bulbs often weighing up to 2 lbs. It probably has a larger sale than any other red skinned onion. It matures early and the flavor is good and mild. Just the onion for boiling. A leading variety in all sections.

Cat. No. 248B—Large pkt., 5c; 3 pkts., 10c; 1 oz., 20c; ¼ lb., 50c; 1 lb., \$1.75.

We only stock bottom sets as we believe them to be the most satisfactory. Although all onions if set out in the spring from seed attain full size and maturity the same season, there are yet many people who wish to plant out sets for early bunching or green onions and for such of our customers we have secured a very fine stock of Yellow, White, and Red Sets. We offer these at the rate of 32 lbs. to the bushel. Our prices on ¼ and ½ and 1 bushel lots are of course subject to market changes. Always order onion sets early if you wish to avoid disappointment. Get good solid sets.

Cat. No. 249B—

	Pt.	Qt.	½ Pk.	1 Pk.	1 Bu.
Yellow Onion Sets.....	15c	30c	50c	90c	\$3.25
White Onion Sets.....	15c	30c	50c	90c	3.25
Red Onion Sets.....	15c	30c	50c	90c	3.25

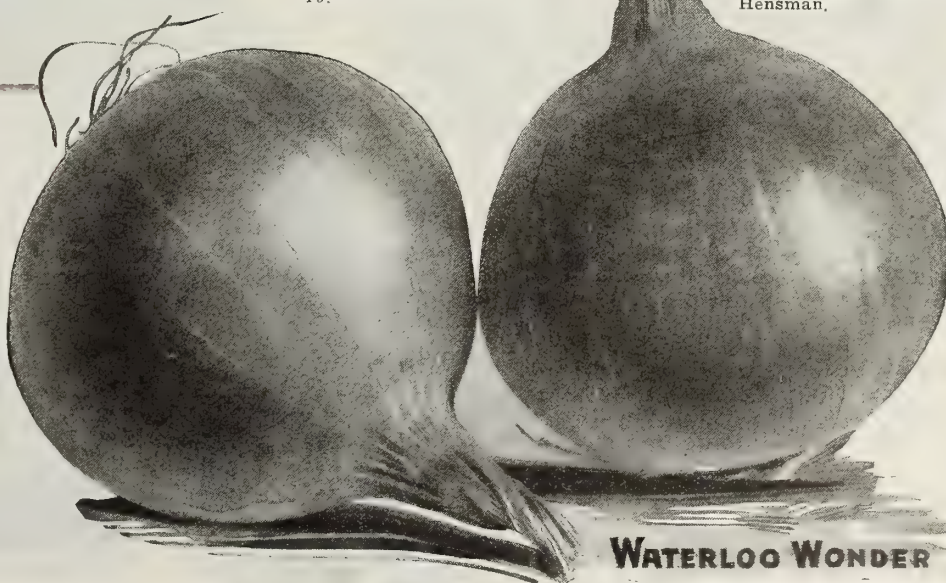
Ask us for prices on larger quantities

Best We Have Ever Grown

Sheridan, Ind., Nov. 5, 1912.—I ordered a few seeds from your house in the spring. They were the best that we had ever grown. Minnie M. Stout, Box 49.

They Can't Be Beat

Chalco, Nebr., Sept. 4, 1912.—About the seeds I got from you. They can't be beat. We have never had such a nice garden before. Yours truly, John Hensman.



WATERLOO WONDER



Galloway Bros.-Bowman Co. Waterloo, Iowa, U.S.A.



Champion Moss Curled Parsley

You will find a Coupon Check on page 27 which will help pay for every article listed in this catalog. Better cash it in.



Culture When the seed is planted with corn, plant only one row in five, which, when the vines begin to run may be omitted in cultivation and thus the plants will not be injured. Use a dibber and plant three to five seeds in every third hill of corn. Plant as a single crop in hills eight feet apart each way. Cultivate with a section of the harrow. Use paris green and land plaster or wood ashes to control the striped squash bugs. When well established thin to four plants in each hill. One ounce of seed will make 25 hills; 4 lbs. seed required for an acre.

Galloway-Bowman's Sugar or Pie

Small, round, flattened, prolific, deep orange yellow; sweet and of very fine quality. The best for pies.

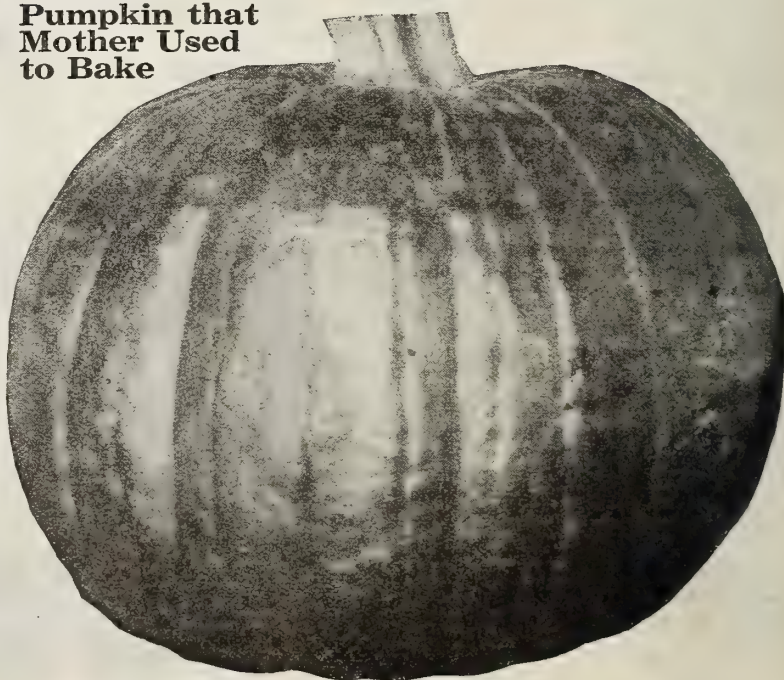
Cat. No. 603B—Large pkt., 5c; 1 oz., 10c; ¼ lb., 25c; 1 lb., 70c.

Galloway-Bowman's Kentucky Field or Large Cheese

A fine sort for family and market use and is also grown extensively for stock feeding. Grows about two feet in diameter. There are two Kentucky field pumpkins on the market. The old or common and the improved large cheese. Ours is the improved stock and it's true.

Cat. No. 250B—Large pkt., 5c; 1 oz., 10c; ¼ lb., 25c; 1 lb., 70c.

This is the
Pumpkin that
Mother Used
to Bake



Sugar or Pie Pumpkin

Parsley

Galloway-Bowman's Champion Dwarf Moss Curled

We seeded down two borders of this grand parsley each about 250 feet long in our Seed Testing Grounds, and we can honestly say that we have never at any time seen either here or on the Continent of Europe, a better lot of parsley. It was in every sense of the word perfect. We used it as a border, backed up with pretty annual flowers of every kind and we must say the effect was simply splendid. The habit of Galloway-Bowman's Champion Dwarf Moss Curled Parsley is distinctly dwarf, but very close and compact and beautifully curled. It would make a really good substitute for ferns as a table decoration. For garnishing and culinary purposes we proclaim it the very best in cultivation. The leaves are a beautiful dark green color. Sow broadcast or in drills in the early spring.

Cat. No. 251B—Large pkt., 5c; 1 oz., 10c; ¼ lb., 20c; 1 lb., 75c.



Pure Genuine and Unadulterated Seeds that Grow



Parsnips



Waterloo Marrow Parsnips

Culture Sow the seed in early Spring $\frac{3}{4}$ of an inch deep, in rows 12 to 18 inches apart. As soon as the young plants appear, cultivate and hand-weed them, and when 3 inches high thin to 6 inches apart in the row.

We only offer two parsnips absolutely and positively the best.

Peppers

We only offer 3 peppers because we would rather sell three of the very best that are true to name than a dozen kinds with some inferior varieties.

Culture Those who have no hotbeds can sow a few seeds in boxes in the house where a temperature of 75 degrees can be maintained. Plant out early in June two and a half feet apart. One ounce will produce about 1,500 plants.

Chinese Giant An enormous fruiting variety, double the size of Ruby King, averaging 12 to 15 inches in circumference. Notwithstanding its large size it is very early and very prolific. Plants are healthy, well branched, about two feet high and carry an enormous load of fruit, often having the appearance of being bunched together. Flesh is thick, tender, mild and sweet, and is unexcelled for salad or stuffed mangoes. They can be sliced and eaten like tomatoes. When ripe the peppers are a rich, glossy, scarlet, making them of unusually fine appearance.
Cat. No. 252B—Large pkt., 10c; 1 oz., 40c; $\frac{1}{4}$ lb., \$1.10; 1 lb., \$4.00.

Ruby King The most popular large fruited pepper. Very prolific. The pods are a beautiful bright red, 5 to 6 inches long and 3 to 4 inches in diameter. Flesh exceedingly thick, sweet, and so mild that it is often sliced as a salad. Splendid for stuffing as mangoes.
Cat. No. 253B—Large pkt., 5c; 1 oz., 35c; $\frac{1}{4}$ lb., \$1.00; 1 lb., \$3.25.

Red Chili Fruit is small, bright red, very hot and pungent. Plants are very productive. Generally used for making pepper sauce.
Cat. No. 254B—Large pkt., 5c; 1 oz., 30c; $\frac{1}{4}$ lb., 90c; 1 lb., \$3.00.

Waterloo Marrow

A really fine parsnip. It is clean, smooth, and well shaped. Its flavor is unusually marrow-like and delicate. In our opinion it is the best strain of parsnip in cultivation. It is a perfectly clean root and has none of that objectionable coarseness so often found in the commoner varieties. We cannot too strongly recommend it to our customers either for the home garden or the market.

Cat. No. 255B—Large pkt., 5c; 1 oz., 15c; $\frac{1}{4}$ lb., 25c; 1 lb., 75c.

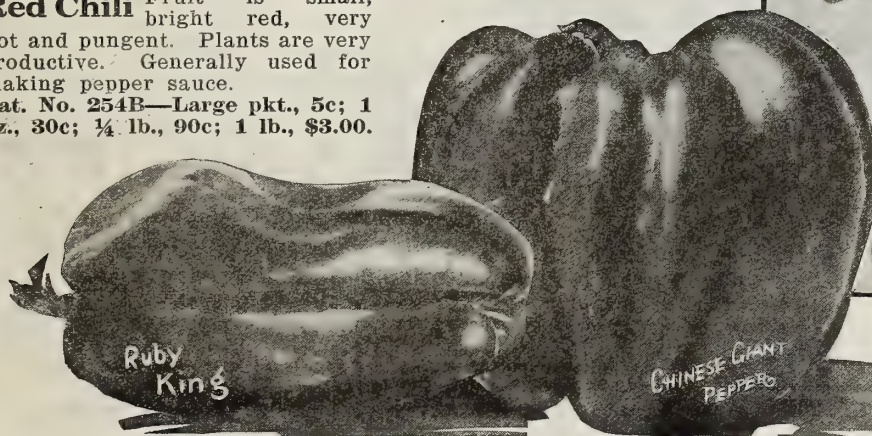
Hollow Crown

The old well known variety, grown by Market Gardeners the world over; fine shape, crisp and of very fine flavor.

Cat. No. 256B—Large pkt., 5c; 1 oz., 10c; $\frac{1}{4}$ lb., 20c; 1 lb., 50c (postpaid).



Red Chili



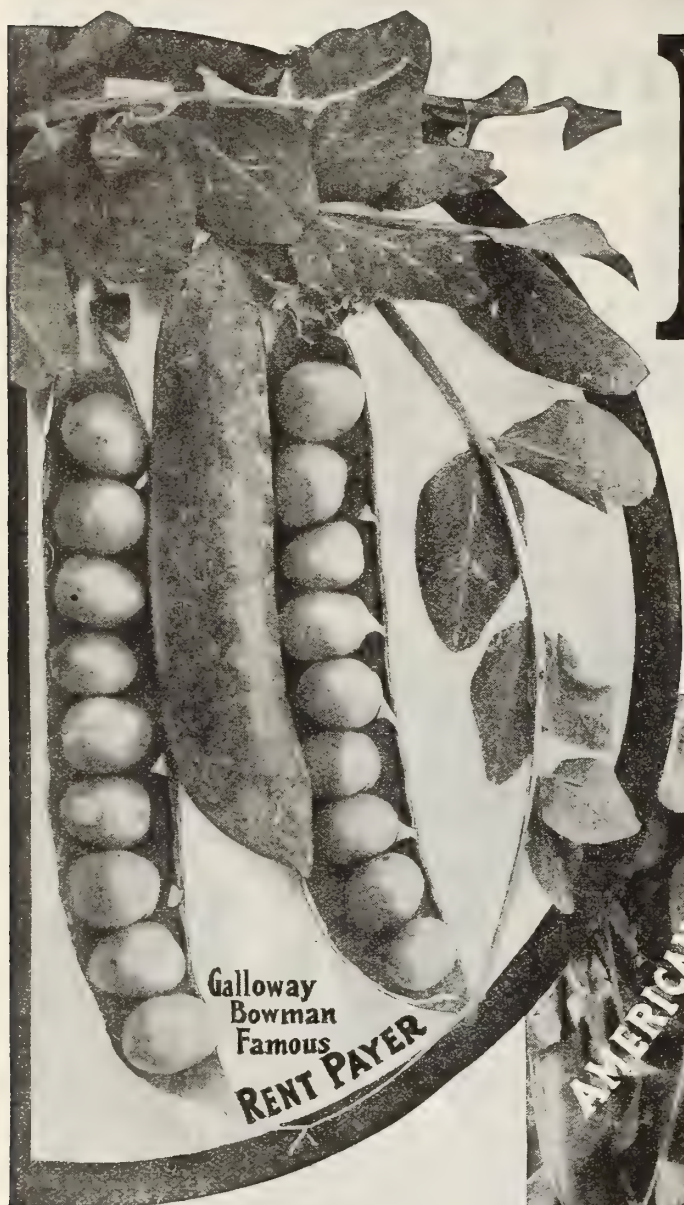
Turn over to page 27. Read it twice, cash in your Coupon Check. There is one there for you.



Galloway Bros.-Bowman Co. Waterloo, Iowa, U.S.A.



Peas



Galloway-Bowman's Rentpayer

A pea without a rival about 20 inches high, the vines being very strong do not require support, tremendous cropper, the vines being literally covered with fine, long, well filled pods of a rich dark green color. The flavor of the peas cannot be surpassed. As an Exhibition pea it is ideal. The pods are about 6 inches in length and are usually filled with 9 to 10 well developed peas. The quality, productiveness and handsome appearance of this pea should induce all market gardeners to give it a place in their gardens. It is a never failing money maker and a batch of an acre would produce under ordinary circumstances sufficient of these grand peas to pay the rent of the average truck garden. They do well where most other varieties fail. We sold more of the Rentpayer Pea last season than all the other varieties put together and our customers are all delighted with it and say it is the best garden pea they ever grew. It's Northern Grown and will do well in any latitude. Get your orders in early and save disappointment.

Cat. No. 257B

Large pkt., 10c; 2 pkts., 15c; pint, 35c; 1 quart, 60c (Postpaid); ½ peck, \$1.75; ¼ bu., \$3.00; 1 bu., \$11.00.

Culture

Peas mature early when in a light, rich soil. For the general crop a rich, deep loam or clay, would be the best. Peas thrive better if the ground has been manured for a previous crop, but if the ground is poor and requires enriching use well-rotted manure; and for the dwarf varieties you can hardly make the soil too rich. When grown as a market crop, peas are seldom staked or bushed but are sown in single rows 3 to 4 inches deep, the depth depending on the time of sowing, nature of the soil, as well as the variety. Wrinkled varieties are not as hardy as the smooth sorts, and if planted early should have dry, warm soil, and not planted deep, or they are liable to rot in the ground. These wrinkled varieties are, however, the sweetest and best flavored. Rows for planting should be from 2 ½ to 3 ½ feet apart, according to the kind, soil, and manner of culture desired. When grown in the kitchen garden, it is best to sow the seed in double rows 6 to 8 inches apart, the tall sorts requiring brush. Commence sowing early varieties as soon as the ground can be worked in the spring, and continue, for a succession, every two weeks up to the end of June, discontinuing until the middle of July, when a good crop can sometimes be secured by sowing an extra-early sort. One quart sows 100 feet of row. 1 ½ bushels for an acre.



American Wonder

This is a first class wrinkled pea of very dwarf habit, the vines growing less than 12 inches high. It is just the pea for the home garden. It is exceedingly early, being fit to pick in 6 weeks from the time of sowing. It is quite distinct from all other Peas in habit of growth and appearance, the vines being unusually robust and stocky. Seed Medium size, wrinkled and pale green, flavor delicious and very sweet. The vines are literally covered with peas, owing to their quick growth. They can be sown right through the season and be depended upon to produce fine crops late into the fall.

Cat. No. 258B—Large pkt., 5c; 3 pkts., 10c; pint, 30c (Postpaid); 1 quart, 50c (Postpaid); ½ peck, \$1.30; 1 bu., \$8.50.

Pure, Genuine and Unadulterated seed are always fine and the cheapest in the long run.

Never Raised Better Garden Truck

North Branch, Minn., Oct. 22, 1912.
I sent to you for my garden seeds last spring and I never raised better garden truck than we had this year. The tomatoes were the finest we ever had and we have squashes, some that weigh 30 pounds and of lovely flavor. Send me your seed catalogue also, when it is ready as I want to buy my seeds from you the coming season.

Yours truly,
R. F. D. No. 3, Box 15.

Charles H. Bourquin,
North Branch, Minn.



Pure Genuine and Unadulterated Seeds that Grow



Galloway-Bowman's Little Gem

Little Gem

The qualities of this pea are so distinctive and many and the strain such a popular favorite that its merits are well known to all. It is a dwarf green, wrinkled variety of an exquisite buttery flavor, almost perfection itself. It is a very early sort, of superb quality. Pods are of good size, and well filled. Grow about 18 inches high and very prolific.

Cat. No. 259B—Large pkt., 5c; pint, 30c (Postpaid); quart, 50c (Postpaid); ½ peck, \$1.30; 1 bu., \$8.50.

Telephone

Galloway-Bowman's Improved

This is, without exception, the best main crop pea in existence. The pods are of immense size, of a fine dark green color, much more desirable than the light green of the ordinary Telephone, and are well filled with peas of the largest size, which are tender and deliciously sweet. The vines are tall and sure croppers. The best main crop pea for both the home garden and market growing. The Telephone is without doubt the most popular of all the garden peas. It has not acquired this public favor without merit. Medium early in season, bears a long time; the pods are always of good size, well filled, and the quality is of the very best. Does best when brushed.

Cat. No. 261B—Large pkt., 5c; pint, 30c (Postpaid); quart, 50c (Postpaid); ½ peck, \$1.30; 1 bu., \$8.50.

Alaska

The earliest pea on the market. The seed is smooth and of bluish color. On this account it is very popular with canners. It is also one of the most desirable first early market garden sorts. Very uniform in ripening and an excellent yielder. Grows only 1 foot high and is completely covered with well filled pods of deliciously flavored peas. Another fine pea for sowing at intervals of a few weeks during the season in order to insure a continuous supply. Owing to its hardness Alaska can be sown earlier than any other dwarf Pea.

Cat. No. 260B—Large pkt., 5c; pint, 30c (Postpaid); quart, 50c (Postpaid); ½ peck, \$1.30; 1 bu., \$8.50.

"Prosperity or Gradus"

An Extra Early Wrinkled Pea

This remarkable pea has produced a sensation in the horticultural world, and there is no longer any doubt about its position and standing. It is now recognized as a leader. It is not only large and of best quality, but it is as early as the small, round, extra early sorts. It may be planted as soon as the ground is fit to work in spring, along with the smooth peas. It promises to take the place of the smooth peas in general culture to a great extent. Prosperity or Gradus is a wrinkled Pea, with vine growing 18 to 30 inches high. It requires no sticks or brush, though sticks may be used, if preferred. The peas are freely borne, and remain in good order for a number of days. The pods are of a bright green color, and measure 5 inches or more in length, being as large as Telephone, and equally well filled with luscious peas—8 to 10 or more in a pod. The peas themselves are of a first class table quality and retain their color and attractive appearance after cooking. The pods are round and plump. On a light sandy soil it attains a growth of only 15 to 18 inches, while on a rich, heavy loam it reaches 30 inches. It is entirely adapted to the purposes of the market gardener, requiring only good field treatment.

Cat. No. 262B—Large pkt., 5c; pint, 35c (Postpaid); quart, 60c (Postpaid); 4 quarts, \$1.85; ½ bu., \$3.50; 1 bu., \$12.00.

Read These Letters, They Tell the True Story Our Seeds are Different

Lovell, S. Dak., Sept. 1, 1912.

I highly appreciate the seeds I received from you last spring. They are the best seed I ever received from any seed house. I grew more and better produce from those seed than I ever grew in Iowa. I beat all of my neighbors. Beats and mangles weighed 5 and 6 pounds. Seed was fine.

Respectfully,

G. W. Douglas.

Lansdale, Pa., Aug. 22, 1912.

In regard to the garden seeds. Did it germinate, grow and produce? Well, I guess. Every variety did well. Radishes are the best we ever grew, retaining their crispness so long. But those "Rent Payer Peas," exceeded anything we ever saw. When they came up I noticed the vines were extra vigorous but did not expect to see such peas. The pods looked more like lima beans, often ten or eleven in a pod and as to quality and size, they were just the largest and best we ever ate. Everybody who tasted them wants some of Galloway's peas in the spring.

Charles S. Jenkins.

Absarokee, Mont., Aug. 17, 1912.

The rent payer peas is the nicest I ever raised. In fact, I have the blue ribbon garden of this part of the country.

R. F. D. No. 1.

Mrs. Sadie Lortz.

Maddock, N. D., Aug. 23, 1912.

I got the garden seed and it was all good. I have the biggest and best garden around this country. The seed all grew and am well satisfied.

Yours truly,

Herman Hennansen.

Kingston, N. Y., Aug. 21, 1912.

In regard to the seed. I am satisfied for my part. My garden is the best one I have ever had. It is as good and better than any that I have seen.

Yours respectfully,

C. S. Auchmoody.

Hope, Kans., July 22, 1912.

All my customers have very fine gardens. Mrs. Fred Reich had some of the best beans around. She had over three bushels. She thinks the seed is alright.

Arthur Knuth.

Kingwood, W. Va., Sept. 16, 1912.

The garden seeds did fine for this season. The season tried seeds it was so wet and cold in the spring, and a very wet and cold summer, but they have done well.

Yours respectfully,

Mrs. James F. Brand.



About Peas

Probably no vegetable is more welcome in the early summer than the pea. How many, we wonder, are there who look forward with eager anticipation to their first dinner of lamb and peas. We have never yet heard of a single individual without an appetite for this delicious vegetable, and seeing that a good supply can be obtained for so small an outlay everyone should grow a patch of them. To ensure a constant supply during the summer, they must be sown successionally. First, put in a patch of good first early dwarf variety, say Alaska or American Wonder. Follow these up with a good main crop—in our opinion absolutely the best main crop pea—Galloway-Bowman's Rentpayer, and for a late pea put in Telephone. The last in our opinion about as good a late pea as it is possible to get.

Never allow your peas to remain on the vine after they have matured as this lessens the productiveness of the vines. Keep picking and they will produce to their limit.

Apply liquid manure to the roots as often as possible.

First and Best

An extra early pea with a great reputation in all districts. Vines vigorous and hardy, 2 feet high, bearing as many as seven fine straight pods, each containing five to seven handsome peas of delicious quality, a very heavy cropper and good drought resister. A fine pea, either for the home garden or the market.

Cat. No. 263B—Large pkt., 5c; 3 pkts., 10c; 1 pint, 30c (postpaid); 1 qt., 50c (postpaid); ½ pk., \$1.30; ¼ bu., \$2.00; 1 bu., \$7.50.

Champion of England

We are pleased to be able to offer our customers a very select stock of this grand favorite. Last season we had many calls for it but were unable to secure a stock that we could depend upon to give entire satisfaction so left them entirely alone. The stock we now offer has been grown for us by one of the most reliable growers from specially select stock seed and we know all who grow it will be thoroughly pleased with their crop. It is a main crop variety of vigorous growth, about 4 feet high, producing an abundance of pods of immense peas that are noted for their tenderness and rich, marrow-like flavor. It would indeed be very hard to equal in quality and productiveness this grand old pea.

Cat. No. 264B—Large pkt., 5c; 3 pkts., 10c; 1 pint, 30c (postpaid); 1 qt., 50c (postpaid); ½ peck, \$1.40; ¼ bu., \$2.50; 1 bu., \$8.50.

Horsford's Market Garden

This is a real gem, appreciated by all who have grown it; only grows two feet high, very stocky and requires no brush, a wrinkled variety of superfine quality. The pods which are borne in pairs are of good size and filled with deliciously sweet peas. An excellent variety for all purposes. The fact that this grand pea is in so much demand from market growers is in itself a guarantee of its real worth. We cannot too strongly urge our customers to give this fine pea a trial.

Cat. No. 265B—Large pkt., 5c; 3 pkts., 10c; 1 pint, 30c (postpaid); 1 qt., 50c (postpaid); ½ peck, \$1.50; ¼ bu., \$2.50; 1 bu., \$8.50.

FIRST AND BEST



"Stratagem"

This favorite with garden and home grower is indeed a remarkable variety. The vines are strong, vigorous and covered with immense pods, many of which measure as much as five inches in length and containing quite frequently ten, fine, large, richly flavored, uniform, wrinkled peas. Each seed as a rule produces two stalks, which make it extra productive. Peas are dark greenish color and retain their tenderness and sweetness long after maturity.

Cat. No. 266B—Large pkt., 5c; 3 pkts., 10c; 1 pint, 30c (postpaid); 1 qt., 50c (postpaid); ½ peck, \$1.45; ¼ bu., \$3.25; 1 bu., \$12.00.

Order Early! Now

when you receive this catalogue is just the right time to order. There is a tremendous demand for our seeds. Good seed is scarce this year. We fill every order as promptly as possible, but we would advise you not to wait until the last minute to order. Every order will be taken in its turn. **Why not get your order in NOW?**



Pure Genuine and Unadulterated Seeds that Grow



Potatoes

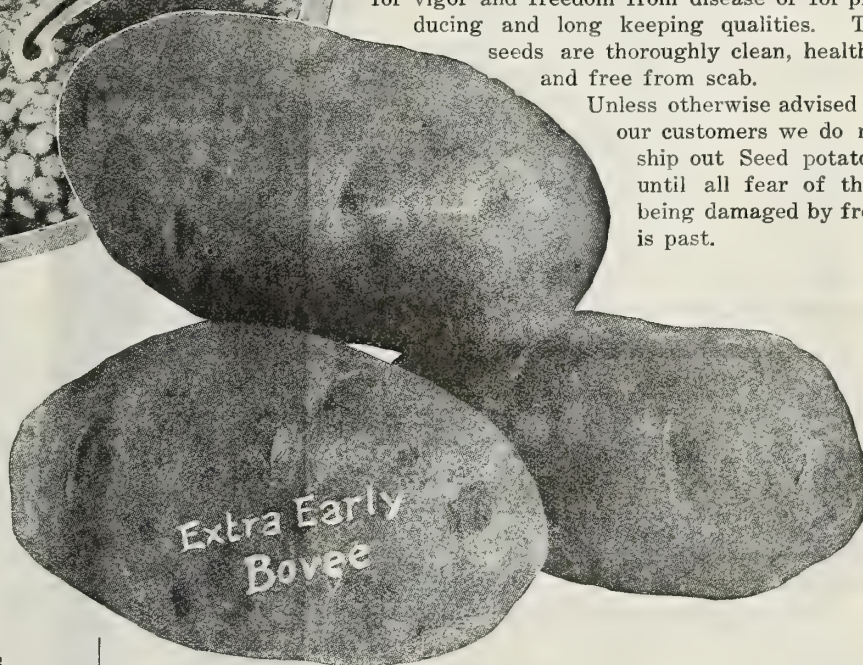
NOTE

All our seed potatoes are grown in Minnesota and North Dakota. No seed potatoes anywhere can be compared to our Northern Grown, either for vigor and freedom from disease or for producing and long keeping qualities. The seeds are thoroughly clean, healthy, and free from scab.

Unless otherwise advised by our customers we do not ship out Seed potatoes until all fear of their being damaged by frost is past.

Extra Early Bovee

It is unquestionably the largest yielding of any of the early potatoes, and in competitive trials has in a great many cases out-yielded even the late varieties. This is due to the compact habit of the vines and tubers in growth, which permits of planting six inches closer. Oval shape, pink color and fine even size, smooth shallow eyes. Its fine table qualities are very apparent and greatly appreciated for its richness, dry flouriness and delicious and highly palatable flavor. By freight or express. Cat. No. 267B— $\frac{1}{4}$ bu., 60c; 1 bu., \$2.00; 10 bushel lots, \$1.75 bu.



Extra Early Ohio or Six Weeks

(Red River Grown.)

The earliest potato grown and perhaps the best known and most universally appreciated of the whole potato family. They are ready for cooking in 6 weeks from planting and reach maturity in about 8 weeks. As a market variety it is without a rival. They are selected with the utmost care and we are confident our seed will satisfy everyone. By freight or express. Cat. No. 268B— $\frac{1}{4}$ bu., 60c; 1 bu., \$2.00; 10 bu. lots, \$1.75 bu.

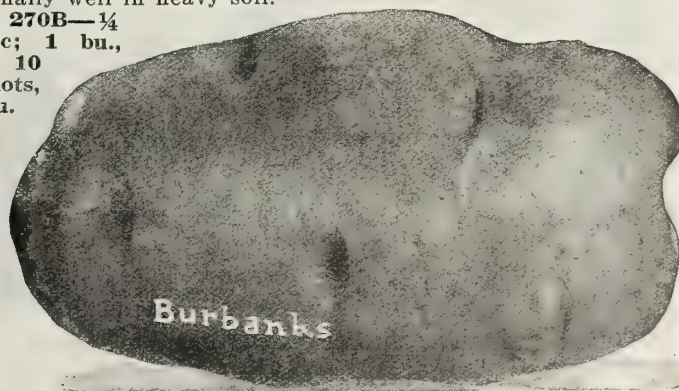


Rural New Yorker

A very distinct and valuable main crop sort. The tubers attain a large size and are of wonderfully smooth skin. The eyes are few, distinct and shallow. It is a very healthy and vigorous variety, as is attested by the growth of vine and solidity of the tubers. A very heavy yielder; under ordinary circumstances will yield from 200 to 500 bushels per acre. A splendid market variety. Cat. No. 269B— $\frac{1}{4}$ bu., 75c; 1 bu., \$2.50; 10 bu. lots, \$2.00 bu.

Burbank The most largely used of all late varieties. Is grown to a good size and is of excellent quality. The flesh is white, very mealy and of fine flavor. It is a fine potato for baking. We know of none better. A very heavy yielder. Does exceptionally well in heavy soil.

Cat. No. 270B— $\frac{1}{4}$ bu., 60c; 1 bu., \$2.00; 10 bu. lots, \$1.75 bu.



Radishes

Imported
Seeds



Culture Sow early and often. In good, warm, fibrous loam, especially if quite sandy, summer Radishes will make a crop in 4 to 6 weeks from sowing. The soil should be well prepared and fertilizers may be used freely. Have the rows a foot apart, and sow just seed enough so they will not require thinning. Any little spot that becomes available during summer may be utilized for planting Radishes. The short or turnip-rooted sorts are quickest and easiest to grow, and good for forcing also. On greenhouse bench or in frames, the rows need not be more than 4 inches apart. Sow winter Radishes in July and August. They grow best in the cooler autumn weather. Take them up before severe freezing and store in sand in the cellar, or in a pit where they will keep tender and crisp all winter.

One Ounce of Seed Will Sow 100 Feet of Drill

Galloway-Bowman's Improved Lone Icicle

Without doubt the best of all radishes. A fine transparent white, growing from 4 to 6 inches long with small tops which allow of close planting, are very crisp and brittle. They remain a long time in sound condition while growing, thus allowing a long continued pulling from the time of sowing. It does not get pithy, is a good radish for forcing. It is very quick growing, being fit to pull in about 20 days from sowing. There is no radish that grows more uniform in shape or of better quality. It is a prime favorite everywhere.

Cat. No. 271B—Large pkt., 5c; 1 oz., 10c; ¼ lb., 20c; 1 lb., 60c (postpaid).

Early Scarlet Globe

(Galloway-Bowman's Improved)

An exceptionally fine Radish of the Scarlet Globe Type, but growing much larger, single roots, weighing up to an ounce each or three to four times the size of the old Scarlet Globe varieties. Notwithstanding its size it remains quite solid, crisp and juicy. The flavor is delightfully mild. The shape of the roots varies between round and almost oval, but the color remains the same, all the roots being a deep rich, crimson color. An excellent variety either for forcing or the open ground.

Cat. No. 272B—Large pkt., 5c; 1 oz., 10c; ¼ lb., 20c; 1 lb., 60c (postpaid).

ICICLE



White Strashburg

An excellent summer variety, noted for the length of time it retains its crispness after maturity; shape, a handsome oblong, slightly tapering at the end. The flesh is firm, brittle and tender. One of the best radishes to resist drought and consequently will do well under almost all conditions. Highly recommended.

Cat. No. 273B—Large pkt., 5c; 1 oz., 10c; ¼ lb., 20c; 1 lb., 60c.

Long Scarlet, Short Top

The best known of all the long radishes, color bright scarlet, length 5 to 6 inches long, matures in about 22 days from sowing and can be used before it is fully grown. The roots grow about one-third out of the ground, are very uniform in shape. An excellent variety either for the market or the home garden.

Cat. No. 274B—Large pkt., 5c; 1 oz., 10c; ¼ lb., 20c; 1 lb., 60c (postpaid).

Galloway-Bowman's Selected French Breakfast

A very fine radish of the oblong type, scarlet in color, with a white tip, very much in demand, owing to its very attractive appearance. It matures very quickly, is sweet, crisp, solid and tender, a fine table variety, and has a very ready sale on the market. Our seed is grown by the best French growers and can be positively depended upon to produce a fine crop of roots.

Cat. No. 275B—Large pkt., 5c; 1 oz., 10c; ¼ lb., 20c; 1 lb., 60c (postpaid).

Scarlet Turnip, White Tipped

The very best of the globe shaped Radishes. A fine radish in every way, perfect globe shape, uniform in every way, color scarlet, white tipped, crisp, mild flavored and in every respect superior to all other strains of this type of Radish. It is very early and equally desirable for outdoor culture and forcing under glass; in flavor no other Radishes excel, it being crisp, sweet, mild and delicate. An A1 Radish in every way.

Cat. No. 276B—Large pkt., 5c; 1 oz., 10c; ¼ lb., 20c; 1 lb., 60c (postpaid).

Early White Globe

A medium round variety, grown very largely for summer use. Has a small top and pure white skin. The flesh is waxy, mild and crisp. While generally used for outdoor culture, this makes a good variety for forcing. It takes about 30 days to mature and remains fit for use a long time.

Cat. No. 277B—Large pkt., 5c; 1 oz., 10c; ¼ lb., 20c; 1 lb., 60c (postpaid).



Scarlet Turnip, White Tip



Early Scarlet Globe

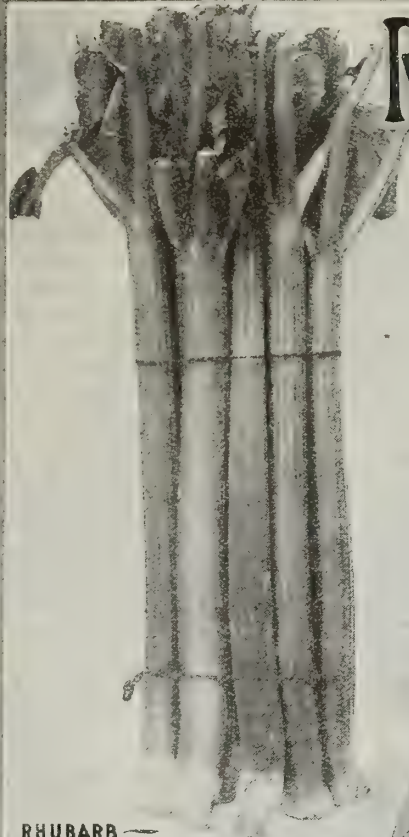


Pure Genuine and Unadulterated Seeds that Grow



Rhubarb-Salsify Spinach

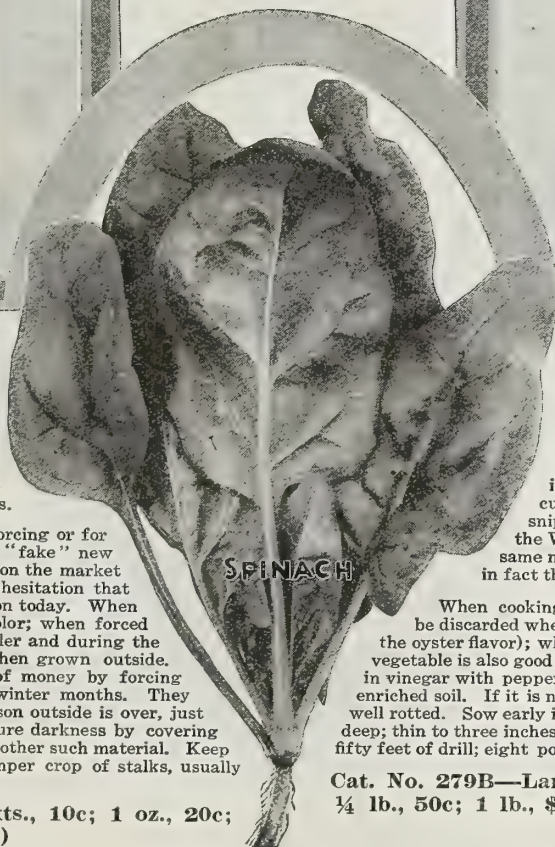
Three
Big
Favorites



RHUBARB



SALSIFY



SPINACH

Rhubarb (Pie Plant)

Culture Sow in drills eighteen inches apart and one inch deep. Thin out the plants to six inches apart. In the fall prepare the permanent bed by trenching two feet deep mixing a liberal quantity of manure with the soil. Into this set the plants about five feet apart each way. The stalks should not be cut until the second year. One ounce should give about 500 plants.

Victoria Absolutely the best either for forcing or for outdoor culture. A good many "fake" new varieties of this popular plant have been thrown upon the market during the past few years, but we say without hesitation that Victoria is the best all round Rhubarb in cultivation today. When grown out of doors the stems are a nice rich red color; when forced under greenhouse stages the stems are much paler and during the winter months fetch much higher prices than when grown outside. Many a Nurseryman has made a handsome sum of money by forcing Rhubarb under his disused stages during the winter months. They require little attention. After the growing season outside is over, just lift the roots, pack them under the benches, ensure darkness by covering the front of your stages with old jute bags or some other such material. Keep the roots damp and you can safely rely upon a bumper crop of stalks, usually much heavier than when grown outside.

Cat. No. 278B—Large pkt., 5c; 3 pkts., 10c; 1 oz., 20c; ¼ lb., 50c; 1 lb., \$1.50. (Postpaid.)

Spinach

For early spring use, sow seed in August in very fertile soil, rich in humus. Upon approach of cold weather cover the plants with three inches of straw. In the Spring when dry remove the litter and the plants will be ready for use in a short time. Sow the seed 1 inch deep in rows a foot apart. For a succession sow again early in the spring and every two weeks thereafter. Keep surface soil cultivated lightly.

G-B Long Standing Round Spinach

This excellent variety comes quickly to maturity and remains in condition for use longer than other sorts. The leaves are smooth and very dark rich green. In our estimation the best for the private garden as it is one of the most popular and profitable with market gardeners.

Cat. No. 280B—Large pkt., 5c; 1 oz., 10c; ¼ lb., 20c; 1 lb., 40c (Postpaid). By express or freight, 1 lb., 30c; 10 lb., and over, 22c lb.

"Salsify or Vegetable Oyster"

Sandwich Island

When properly cooked it is a good substitute for oysters in taste and flavor, and is very nutritious. A most palatable vegetable; the cultivation is precisely the same as directed for Parsnips and Carrots. Salsify will keep finely through the Winter, in the ground where grown in exactly the same manner as Parsnips. The roots are perfectly hardy; in fact they are best after the frost has touched them.

When cooking the roots (a small piece of Codfish which should be discarded when the Salsify is done, boiled with them strengthens the oyster flavor); when cold mash and fry as patties or fritters. This vegetable is also good stewed, plain boiled, and also as a salad, sliced raw in vinegar with pepper and salt. Succeeds best, perhaps, in light, well enriched soil. If it is necessary to use manure it should be very fine and well rotted. Sow early in drills 18 inches apart and cover firmly one inch deep; thin to three inches apart in the drills. One ounce of seed will sow fifty feet of drill; eight pounds is sufficient to plant an acre.

Cat. No. 279B—Large pkt., 5c; 3 pkts., 10c; 1 oz., 20c; ¼ lb., 50c; 1 lb., \$1.50. (Postpaid.)

Bloomsdale Spinach

This Spinach is also known as Norfolk Savoy Leaved. It is a prime favorite with Market Gardeners everywhere. It has fine, thick, dark green, wrinkled leaves, of exceptionally fine flavor. It is perfectly hardy; without doubt the best Spinach for fall sowing.

Cat. No. 281B—Large pkt., 5c; 1 oz., 10c; ¼ lb., 20c; 1 lb., 40c (Postpaid). By express or freight, 1 lb., 30c; 10 lb., and over, 22c lb.



Galloway Bros.-Bowman Co. Waterloo, Iowa, USA



Tomatoes



Culture

If early fruit is desired seed should be sown in a hotbed early in March, later sowings may be made until the end of April. As soon as the young plants are large enough to transplant they should be set about 4 inches apart in another hotbed or transplanted into small pots allowing only a single plant to a pot. They should then be exposed to the air as much as possible to harden off. Plants should not be exposed to the sun when first transplanted; keep in the shade and water freely.

Tomatoes well trained to stake or trellises and the fruit as a rule is much improved. This method of growing tomatoes is very common amongst Market Gardeners who want fruit for the early market. Place one plant to each stake and tie up with strong soft twine. The plants should be freely pruned as they advance in growth. By so doing the plants receive more air and sun and are certain to thrive better in every way and in addition they can be planted much closer together, insuring a much heavier yield to the acre than if grown in any other way.

Turn over to page 27 and read twice particulars about our special offer with coupon check. Cash it in sure, it's the same as cash money.

Galloway-Bowman's Matchless

No matter how valuable the soil is; no matter how much you work; no matter how much the sun shines, or how much it rains, which is all money, with poor seed you spoil it all.

Galloway-Bowman's Matchless

As an early tomato Galloway-Bowman's Matchless stands without a superior. We gave this great tomato a good trial on our Seed Testing Farm this summer and it proved itself superior in every way to any of the other varieties tried. It is a truly handsome tomato. The fruits are borne in large clusters. The stems being completely weighed down with them. They are perfectly round in shape, scarlet color and perfectly smooth. The flesh is solid, of perfect flavor and almost coreless. The skin is fairly tough, making it an ideal variety for shipping or keeping. For canning or slicing it cannot be equalled. To our customers requiring a real tip-top tomato we would strongly urge upon them to give Galloway-Bowman's Matchless a trial. Our reputation is behind the tomato and we know that all who grow it will be delighted with their crop.

Cat. No. 282B—Large pkt., 10c; 3 pkts., 25c; 1 oz., 30c; ¼ lb., 90c; 1 lb., \$3.00 (postpaid).



G.-B. Dwarf Champion

The famous Dwarf Champion Tomato owes its wide popularity to its stiff, vigorous, upright growth, with fruit well above the soil and to the earliness with which it reaches maturity. In color the fruit is a purplish red and it is always round, smooth and symmetrical; size medium; table quality superior; a good shipper. Plants may be set 3 feet apart in rows 4 feet apart. One of the earliest and most profitable tomatoes grown. It is one of the best so-called tree tomatoes and everywhere recognized as a money maker. Cat. No. 283B—Large pkt., 10c; 3 pkts., 25c; 1 oz., 30c; ¼ lb., 90c; 1 lb., \$3.00 (postpaid).



Galloway Bros.-Bowman Co. Waterloo, Iowa, U.S.A.



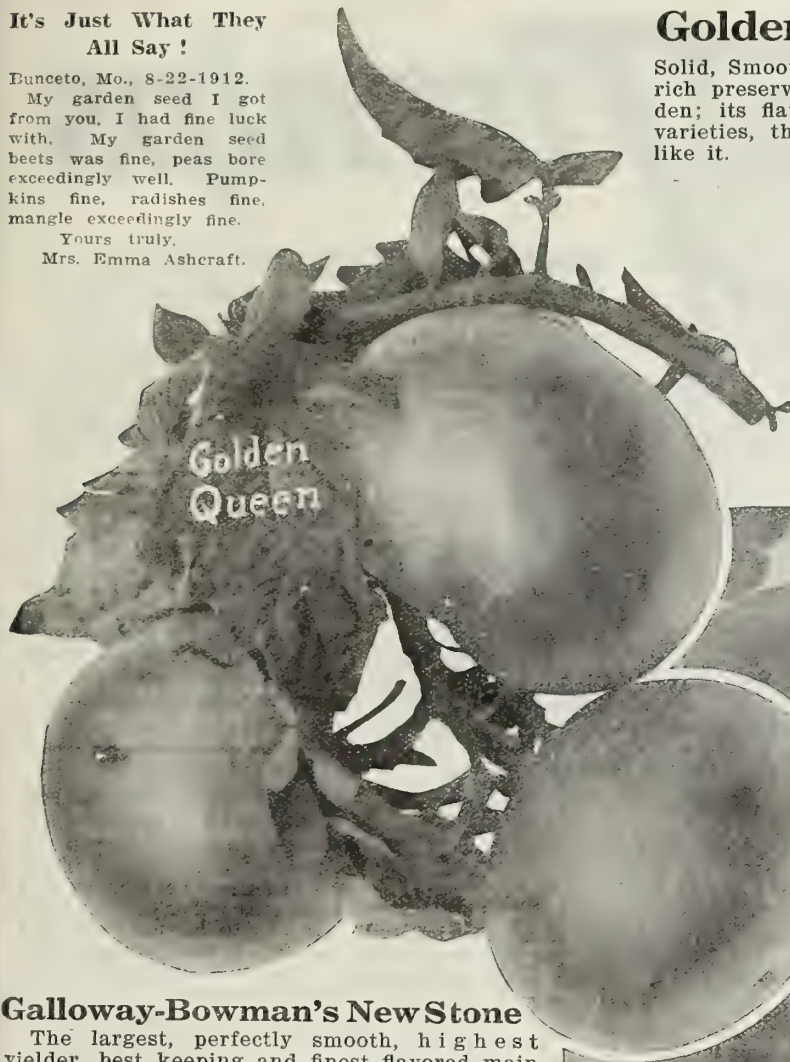
**It's Just What They
All Say !**

Bunceto, Mo., 8-22-1912.

My garden seed I got from you, I had fine luck with. My garden seed beets was fine, peas bore exceedingly well. Pumpkins fine, radishes fine, mangle exceedingly fine.

Yours truly,

Mrs. Emma Ashcraft.



Golden Queen

Solid, Smooth, large in size and ripens early. Makes a handsome, rich preserve. This tomato should be grown in every home garden; its flavor is better and more delicate than that of the red varieties, the flesh finer-grained and very tender. Try it, you'll like it.

Cat. No. 284B—Large pkt., 10c; 2 large pkts., 15c; 1 oz., 30c; ¼ lb., 90c; 1 lb., \$3.00.

Ponderosa

This is perhaps the largest of all tomatoes and is of a very fine quality for slicing. The fruit is oblong in shape and deep purple in color; very solid and fleshy with small seed cells. Flavor is very fine.

Cat. No. 285B—Large pkt., 10c; 2 large pkts., 15c; 1 oz., 40c; ¼ lb., \$1.10; 1 lb., \$4.00.

Cash in the Coupon Check and send in that order now.



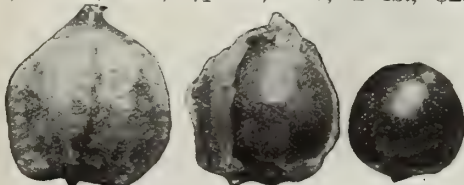
Galloway-Bowman's New Stone

The largest, perfectly smooth, highest yielder, best keeping and finest flavored main crop tomato in existence. The fruit is very large, color bright scarlet, ripening even to the skin without a crack, flesh is firm and solid. An excellent shipper, quality the best, not subject to rot. An attractive variety for the table and ideal for Market Gardeners and Truckers. Cat. No. 286B—Large pkt., 10c; 2 large pkts., 15c; 1 oz., 30c; ¼ lb., 90c; 1 lb., \$3.00 (Postpaid).

Yellow Husk or Ground Cherry

This fruit has a pleasant strawberry-like flavor; is much relished raw but generally used for preserves for which it is excellent. The small yellow fruits are enclosed in a husk or covering and when ripe are ½ inch in diameter and may be kept all the winter if the husks are not removed. They are easy to grow and do well on almost any soil.

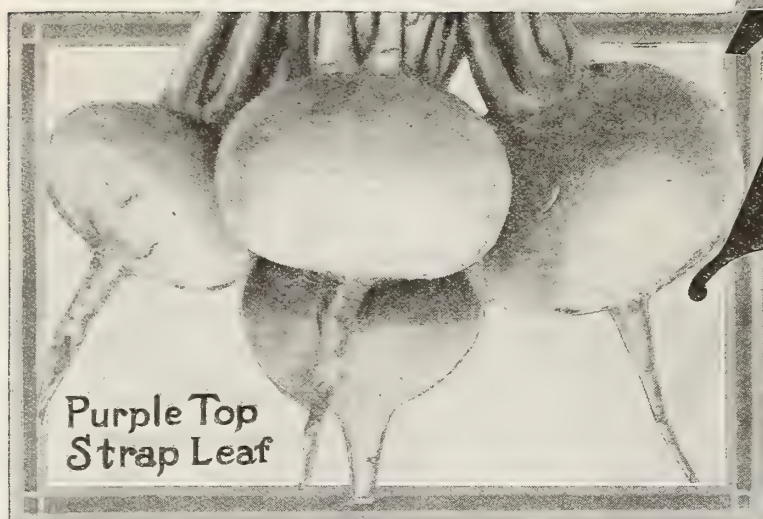
Cat. No. 287B—Large pkt., 10c; 2 large pkts., 15c; 1 oz., 25c; ¼ lb., 75c; 1 lb., \$2.25.



G-B Yellow Husk or Ground Cherries



Galloway Bros. Bowman Co. Waterloo, Iowa, U.S.A.



Purple Top
Strap Leaf

Galloway-Bowman's

Purple Top Strapleaf

Enormous quantities of this celebrated turnip are sold every year, leading seed houses sending out many tons in a single season. It is unquestionably the best garden turnip offered to the public. It is also an excellent stock variety. It is fine grained and of delicious flavor, flesh white and crisp. The skin is purple above ground, white under, excellent variety for late fall sowing and for winter use. Can be sown broadcast or in drills. Will form good sized bulb in six weeks from time of sowing. Bulbs rather flat. Cat. No. 288B—Large pkt., 5c; 1 oz., 10c; ¼ lb., 20c; 1 lb., 60c (postpaid).

Galloway-Bowman's

Purple Top White Globe

A handsome and salable turnip, ideal either for the home garden or the market. It is a rapid grower, globular in shape, flesh pure white and delicious, sweet flavor, the skin is white with a purple top. A very heavy yielder and excellent keeper, extensively grown and pitted for fall and winter. A turnip that cannot fail to please. Cat. No. 289B—Large pkt., 5c; 1 oz., 10c; ¼ lb., 20c; 1 lb., 60c (postpaid).

Golden Ball or Orange Jelly

Absolutely the best golden fleshed turnip in existence. It is distinctly a table variety. Matures 6 weeks from time of sowing, producing handsome small round roots with smooth yellow skin and very small tap root, flesh deep yellow, fine grained texture, tender, sweet, and rich. A good companion turnip to sow with Early Snowball, both maturing together. Being of quick growth it is finely adapted for spring, summer or early autumn planting.

Cat. No. 290B—Large pkt., 5c; 1 oz., 10c; ¼ lb., 20c; 1 lb., 60c (postpaid).

Early Snowball

The finest white fleshed early table turnip grown. It is perfectly round, about the size of a small table beet, skin a nice clean, white color. The flesh is pure white, crisp, tender and sweet. We know of no table turnip likely to please the housewife more than our Early Snowball. We have known boys to walk a mile to satisfy their desire for one or more of these exceptionally sweet and crisp, little roots. In their raw state they are veritable thirst quenchers. Try them and see.

Cat. No. 291B—Large pkt., 5c; 1 oz., 10c; ¼ lb., 20c; 1 lb., 60c (postpaid).

Turnips

Culture Turnips grow best in highly enriched, sandy, gravelly or light loamy soil. Commence sowing the earliest varieties in April in drills from 12 to 15 inches apart, and thin out early to 6 or 8 inches in the rows. For a succession sow at intervals of a fortnight until the last week of July, from which time to the end of August sowing may be made for the Fall and main crops. Plant one ounce to 150 ft. of drill; one-fourth pound to transplant for one acre.

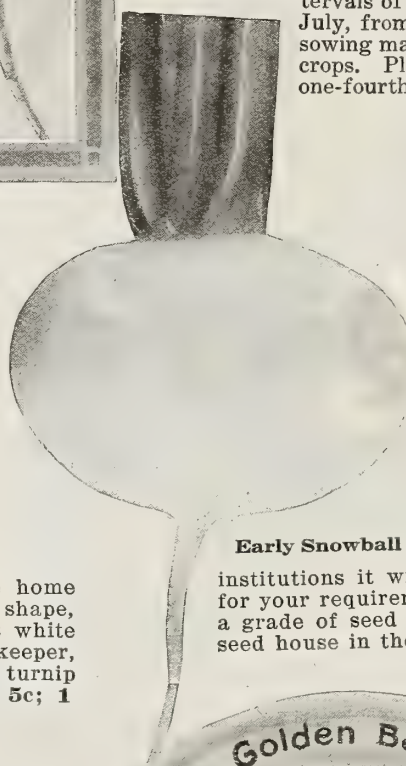
Note! Remember that our Ruta Bagas are true to name and seed grown only from specially selected and transplanted roots, all selected for their perfect type by professional English growers on their world famous seed farms. Get the true imported seed, it pays.

Notice to Quantity Buyers

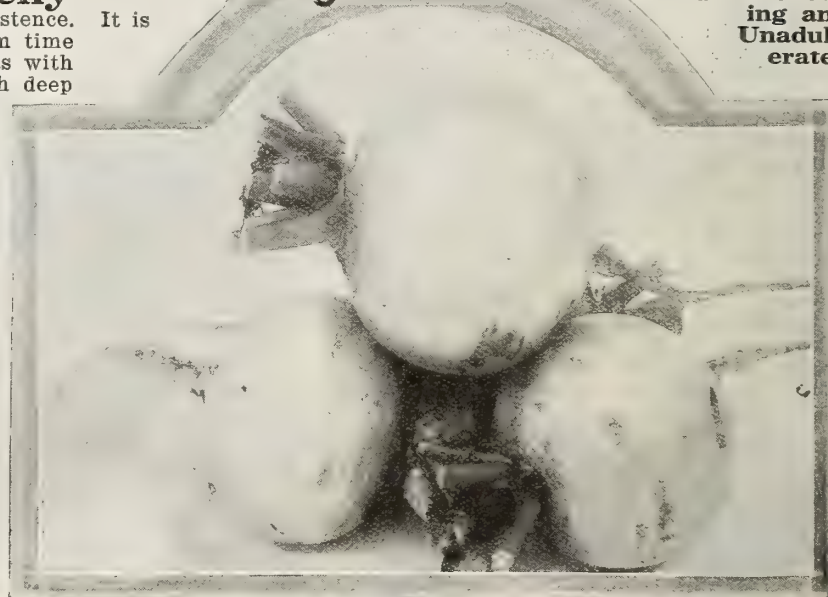
We make special offers to large growers. If you are a Market Gardener, or if you are raising vegetables for Schools, Hospitals or other large institutions it will pay you to let us quote you for your requirements. We can supply you with a grade of seed that cannot be excelled by any seed house in the United States.

Don't overlook the Coupon
Check on page 27.

Also remember
our Seed is
Pure Growing
and
Unadulterated



Golden Ball





Pure Genuine and Unadulterated Seeds that Grow



Cow Horn or Long White

This new type of turnip, owing to its extra fine quality, is fast forcing its way to the front. It is a white skinned variety, growing about 6 inches in length. The flesh is pure white, crisp, and tender and sweet, free from that stringiness so common with turnips of the inferior class, a quick growing variety. You certainly should get a trial packet of this fine turnip. You're sure to like it.
Cat. No. 292B—Large pkt., 5c; 1 oz., 10c; ¼ lb., 20c; 1 lb., 60c.

Early White Flat Dutch Strap-Leaved

A very early white turnip, extensively used for the table, especially in the southern states. The leaves are entire and upright in growth. The roots are of medium size, flat, very white fleshed, fine grained and sweet. The roots when in

best condition for table use are about two and one-half inches in diameter. This variety is also grown as a field crop.

Cat. No. 293B—Large pkt., 5c; 1 oz., 10c; ¼ lb., 20c; 1 lb., 60c.

G-B Improved White Globe

One of the most productive kinds and in good rich soil roots will frequently grow to twelve pounds in weight. It is globe shaped or slightly flattened; skin very white and smooth. Used for stock feeding; also good for table use if pulled when the roots are not more than four to five inches in diameter. Where the winters are mild the tops are used for greens.

Cat. No. 294B—Large pkt., 5c; 1 oz., 10c; ¼ lb., 20c; 1 lb., 60c.

RUTA BAGA or SWEDE TURNIP, Imported Stock

Culture Ruta Baga seed should be sown three or four weeks earlier than that of the table varieties of turnips. The ground should be enriched with well rotted manure and the seed sown in drills 2 ½ inches apart and thinned out to 6 or 8 inches in rows. When the roots have fully matured and before severe weather sets in, pull, cut off the tops, and store them in a root cellar or pit. In some sections the seed is sown broadcast and the ruta bagas are allowed to take their chance with the weeds, but this method is seldom successful except on new clearing.

G-B Record American—Purple Top

This variety is an enormous cropper and the highest quality ruta bagas in cultivation. It possesses very hard, sound flesh. It grows freely in all kinds of soil. It is globe shaped with a neat short neck and a clean single top root. If you sow this seed you may safely rely upon a record crop.

Cat. No. 295B—Large pkt., 5c; 1 oz., 10c; ¼ lb., 20c; 1 lb., 50c.

G-B Imported Hurst's Monarch

The heaviest yielding yellow flesh kind in cultivation; exclusively grown for stock feeding; it is oblong in shape and very hard. Keeps better than the round kind. Yields about 7 tons per acre more than any other kind of ruta бага.

Cat. No. 296B—Large pkt., 5c; 1 oz., 10c; ¼ lb., 20c; 1 lb., 50c.

Galloway-Bowman's Sweet German

White fleshed variety; very sweet and nutritious; excellent for the table; a very great favorite everywhere on account of its early maturity.

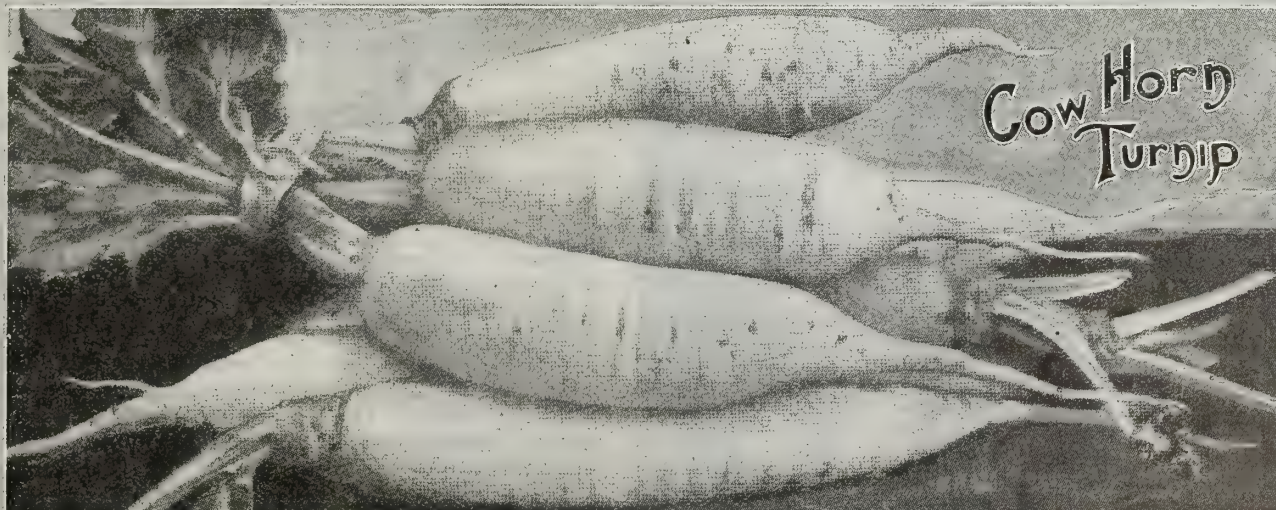
Cat. No. 297B—Large pkt., 5c; 1 oz., 10c; ¼ lb., 20c; 1 lb., 50c.

Read What Our Customers Say:

Barnesville, Ohio, Aug. 31, 1912.
The seeds all germinated well. The best we have had for some time. They all grew splendid. Are well pleased with all of Galloway's seeds.
Yours respectfully,
R. F. D. No. 1, Box 39. Koehler S. Fisher.

Belleplaine, Iowa, Oct. 13, 1912.
I planted your garden seeds this year and had great success. All seeds I ordered, grew every seed I believe.
Mrs. Geo. McLeod.

Spencer, Iowa, Aug. 17, 1912.
In regard to the garden seed I got of you last spring, will say it certainly was the best and cleanest seed I ever bought.
Yours respectfully,
S. S. Biksen.
Brayton, Iowa, Aug. 1, 1912.
We were pleased with your seed. They all germinated well.
Yours,
J. Cousiss.





Galloway Bros. & Bowman Co. Waterloo, Iowa, U.S.A.



Culture Plant seed in extra fertile soil in the Spring as soon as danger of frost is past. The vining varieties should be planted in hills 8 to 10 feet apart each way and the bush varieties from 4 to 5 feet. Place 10 seeds in a hill and cover with an inch of soil. When the plants are well started thin out and cultivate. One ounce of seed required for 25 hills. For running varieties $3\frac{1}{2}$ to 4 lbs. seed required per acre. Bush varieties require 6 lbs. of seed per acre.

Earhert White Bush The bush squashes are much earlier than any other summer variety. The fruit is round, flat, and scalloped, flesh creamy white.
Cat. No. 298B—Large pkt., 5c; 3 pkts., 10c; 1 oz., 15c; $\frac{1}{4}$ lb., 40c; 1 lb., \$1.20.

Yellow Bush This variety is similar to the White Bush variety except in color of skin, which is a bright golden yellow.
Cat. No. 299B—Large pkt., 5c; 3 pkts., 10c; 1 oz., 15c; $\frac{1}{4}$ lb., 40c; 1 lb., \$1.20.

Chicago Warted Hubbard The most popular of the whole squash family. There is perhaps more Chicago Warted Hubbard Squash sold than all the other varieties together. Our stock is Northern grown and specially selected for us by an expert grower. The vines are vigorous and bear a large number of handsome pear shaped fruits, all nicely warted and a rich dark green color. The flesh is a bright orange yellow, fine grained, very dry, sweet, and rich flavored.

Plant seed in the Spring when all danger of frost is past, in hills 8 to 10 feet apart each way, plant 10 seeds in a hill and cover with about an inch of soil. When the plants are started, thin out and cultivate. One ounce of seed required for 25 hills; 3 to 4 lbs. of seed will sow an acre.
Cat. No. 300B—Large pkt., 5c; 3 pkts., 10c; 1 oz., 15c; $\frac{1}{4}$ lb., 40c; 1 lb., \$1.20.

Red or Golden Hubbard This variety is in every way identical in size, form and fruitfulness with the Chicago Warted Hubbard, the chief distinction being that the heavily warted skin is a rich orange yellow, turning to a deep salmon red when ripe. The quality is exceptionally fine.

Cat. No. 301B—Large pkt., 5c; 3 pkts., 10c; 1 oz., 15c; $\frac{1}{4}$ lb., 40c; 1 lb., \$1.20.

Vegetable Marrow

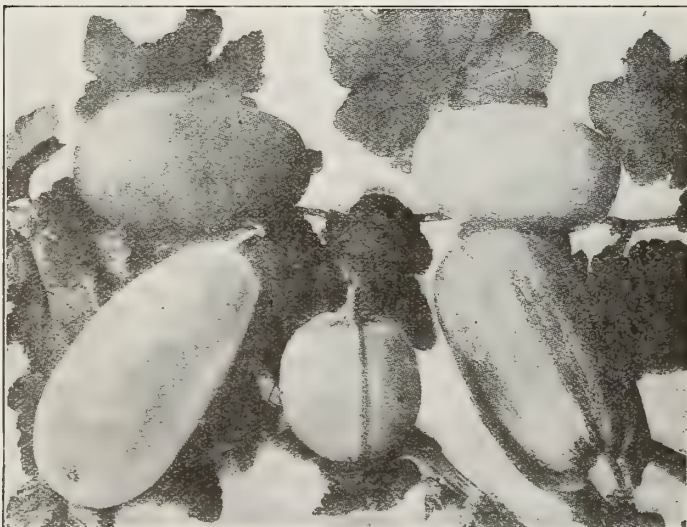
Long Cream or Long Green

The vegetable Marrow although not well known here in the United States, is a universal favorite over in old England. Over there everyone grows them. They are in every little garden patch and in every market. We had quite a number of customers ask for it last season and made up our minds then that we would secure from the Old Country, seed of the two best kinds and offer it in this year's Catalogue. In appearance they resemble a watermelon of the Tom Watson type, but not so large. They are peeled and boiled the same as a turnip and served up in the same way. The flesh is white and of most delicious flavor. Everyone should grow a few hills of this dainty vegetable.

Cat. No. 302B—Long Cream, pkt., 10c; 3 pkts., 25c; 1 oz., 20c; $\frac{1}{4}$ lb., 60c.

Cat. No. 303B—Long Green, pkt., 10c; 3 pkts., 25c; 1 oz., 20c; $\frac{1}{4}$ lb., 60c.

The only difference in the two varieties is the color of the skin, one being Green and the other White.



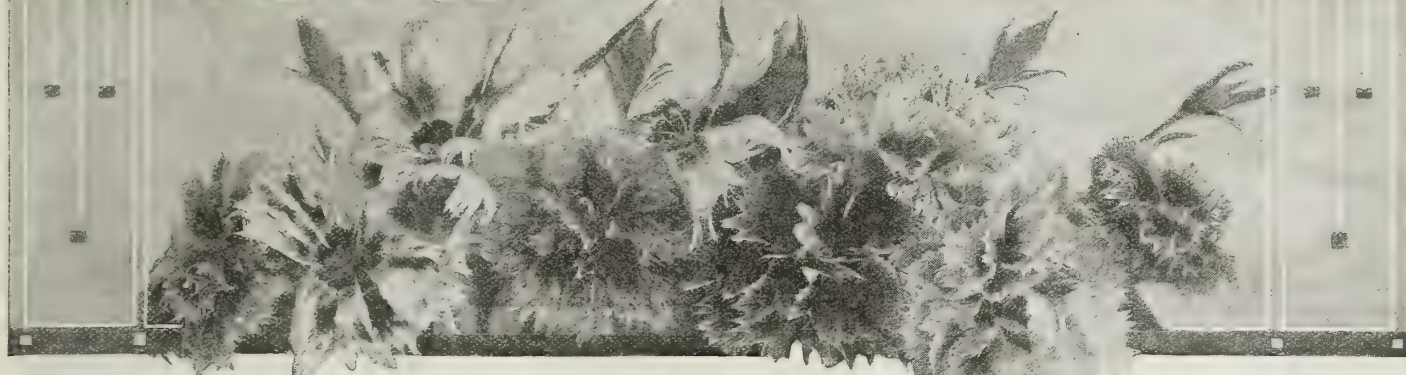
Vegetable Marrows



Pure Genuine and Unadulterated Seeds that Grow



Flower Seeds



EVERYBODY loves flowers. Flowers are inexpensive and if you select the right kinds are as easy to grow as weeds. There is quite a knack in selecting the right flower seed to produce for you the right effect. Everybody is not familiar with the kind of flower seeds to buy and the quantity to buy to make the most satisfactory, quickest showing and results.

There are hundreds of flower seeds offered that when planted do not bring satisfactory results. Some are hard to grow, and some do not make the desired effect after they develop.

We will be very glad to make suggestions here which we believe you will appreciate and which will enable you to get the best and most satisfactory results, and in our selection of flower seeds offered we have been very careful not to put anything in that you would not care to use, and for that reason have limited our flower seeds to only the best and most popular varieties.

We might have listed a thousand or more varieties but this would bewilder you and would have been a waste of good, valuable time on our part, for Mr. Hall knows from his own experience that your selection would ultimately be made up of the popular varieties mentioned in our list.

If a careful selection is made from our list we guarantee you perfect satisfaction. You can select from it an unlimited range either for color or for beauty, as our selection has been made to satisfy the most exacting lover of beautiful cut bloom.

For example: If you want a nice effect at a small expense put in a large bed of nasturtiums, and throw around it a border of white Sweet Alyssum, or put in a small bed of asters, with a border of Sweet Alyssum.

There is nothing that gives more satisfactory results in the way of flowers than Sweet Peas. We have the very best known varieties. Our advice to you is not to buy a mixture of Sweet Peas but buy separate colors and plant each color distinctly by itself. Nature as a rule does things this way.

What is prettier than a row of Sweet Peas, ten feet of purple, ten feet of pink, ten feet of white, and so on?

As a matter of fact, it don't take much of an investment in flower seeds to produce a very satisfactory flower garden which will give you bloom throughout the entire season.

You owe it to your children as well as yourself. They like flowers and turn instinctively to these pets of mother earth. Nature teaches the little ones many noble lessons through the flower garden. Give them a patch by the house and watch the joy of their young faces as the first leaves come through and the exclamation of happy glee as one bloom after another appears. Don't deny your little ones these happy days in their young lives.

The question of cost is scarcely a consideration when a whole family can enjoy the beauty of a perfectly lovely flower garden for only a dollar or two.

If you are not quite sure as to the best way to arrange your garden, just drop us a line and we will tell you of many designs for beautifying what perhaps is now only an unsightly patch of ground.

Our hearts are in this business, and we want to help you. Just take us into your confidence. It will cost nothing. Let the little ones write us. We want these boys and girls interested in the Galloway Bros. Bowman Co.'s pure, genuine and unadulterated seeds.

Don't overlook our Special Introductory Discount to the housewife, the boys, the girls and the gardener on page 27.

This special introduction applies to flower seeds as well as the vegetable seeds.

The Flower Garden in the Home

By Geo. Hall, Our Seed Expert

If you cannot go out into the flower garden let the flower garden come in to you. Everyone loves flowers and their sweet fragrance; when lying upon the sick bed few things are more appreciated than a vase of beautiful, sweet scented flowers. In the selection of the seeds for our catalogue we have always had in mind the many good people who through sickness or infirmity are unable to go out into the garden and appreciate these beautiful gifts of nature. Consequently we have included in our Flower Seed List a majority of beautiful flowers that are eminently suitable for cutting. They have long stems, are sweet scented, cover every range of color, grow easily, are inexpensive and to grow which will insure a continuous supply of cut bloom throughout the entire summer and fall. We would suggest the following as specially suitable for cutting: Asters, Marguerite, Carnations, Chrysanthemums, Calliopsis, Dianthus, Godetia, Larkspur, Mignonette, Nicotiana, Phlox, Pansy, Shirley, Poppy, Salpiglossis, Sweet Scabious, Sweet Peas and Zinnias.

Our Boys and Girls

We know of no more pathetic picture than the face of a disappointed little boy or girl. Many a little heart has been rent almost into pieces by the failure of cheap unreliable seed to mature. We have seen these little ones waiting patiently for their labor's reward day by day. They run into the garden to watch for the first sign of growth in their own little patch, but each day adds a new disappointment, and finally they give up in despair. Don't disappoint your boys and girls by buying cheap, unreliable seed. Get pure, genuine, and unadulterated seed that grows and watch the satisfaction on the little ones' faces as they see the young leaves break through the soil and the greater satisfaction as the young leaves mature into pretty flowers or fine vegetables. It's worth something to see your own boy bring in his first bunch of radishes or his first head of lettuce or the little girl cutting her first bunch of pretty flowers for the home. You can't put a price upon the feeling of satisfaction in their young hearts—it's priceless. Make up your minds right now that henceforth you will sow none but pure, genuine, and unadulterated seeds and insure for yourself and your children all the satisfaction to be derived from a full crop of delicious vegetables and pretty flowers. Train your children to love the beautiful.



Galloway Bros.-Bowman Co. Waterloo, Iowa, U.S.A.



Main Drive to the Galloway Seed Testing Farm.

This fine drive, 500 feet long, was planted in June, 1912 with our own flower seeds. The whole length of the drive both sides was bordered with Sweet Alyssum 2½ to 3 feet wide, behind which were such old favorites as Phlox Drummondii, Shirley Poppies, Ageratum, Zinnias, etc. The effect was pleasing in the extreme and was very much admired by the thousands of visitors to our Seed Testing Farm during the past summer.

Alyssum—Sweet

CULTURE Sow in the open ground early in May where they are intended to bloom.

A fine old-fashioned flower, appreciated by everyone, specially those requiring a good, pure white edge to their garden or a good plant for rockwork or hanging basket. It is a beautiful, pure, white, sweet scented and quite dwarf, growing only about 4 inches high. It blooms most profusely, one plant alone sometimes bearing upwards of one hundred pure, white, sweet scented and exquisitely pretty heads of bloom. The main drive of our Seed Testing Farm was this year bordered both sides with Alyssum Sweet and no words of ours can adequately describe the beautiful effect. Our drive is about 500 feet long and the Alyssum spreads itself a yard wide. The whole length it was a perfect carpet of snow right through the season.

Cat. No. 325B—Large pkt., 5c; 1 oz., 20c; 3 large pkts., 10c.

Antirrhinum Snap Dragon (Mixed)

CULTURE To ensure early bloom it is best to sow Antirrhinums about March or April in boxes or pans, in a cold frame, or where they will be protected from frost, and transplant them where they are intended to bloom early in May or when all signs of frost have passed.

Another real old favorite. Everybody knows the old-fashioned Snap Dragon. You can see it growing in all the best gardens throughout the country. Unusually effective bedding. Displays are made from these noble plants. They withstand both wet and drought and produce beautiful stems of every range of shade and color and continue to bloom in increasing profusion until frost cuts them off.

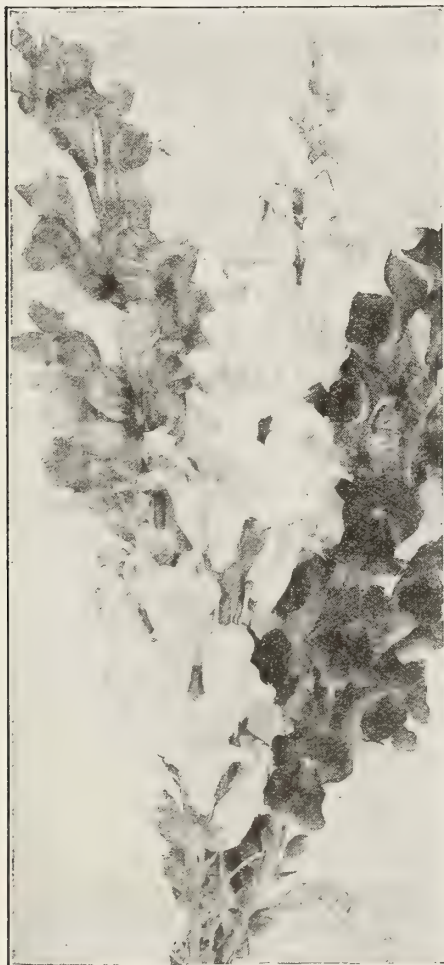
Cat. No. 326B—Large pkt., 5c; 3 large pkts., 10c; 1 oz., 40c.

Bachelor's Buttons (Mixed)

CULTURE Sow in the open ground early in May where they are intended to bloom.

This beautiful flower is loved by all who appreciate an old-fashioned garden. Such a garden would be incomplete without it. The beautiful, artistic flowers are borne on long stems and when cut will stand for a long time in perfect condition. A bed of these with Marigolds (African and French) Poppies and Zinnias make a grand display. Our mixture contains a fine range of color, pure white, lilac, rose pink, lavender and purple. A packet of our seed is sufficient for a fair size bed.

Cat. No. 327B—Large pkt., 5c; 3 large pkts., 10c; 1 oz., 20c.



Snap Dragon



Bachelor Buttons



Pure Genuine and Unadulterated Seeds that Grow

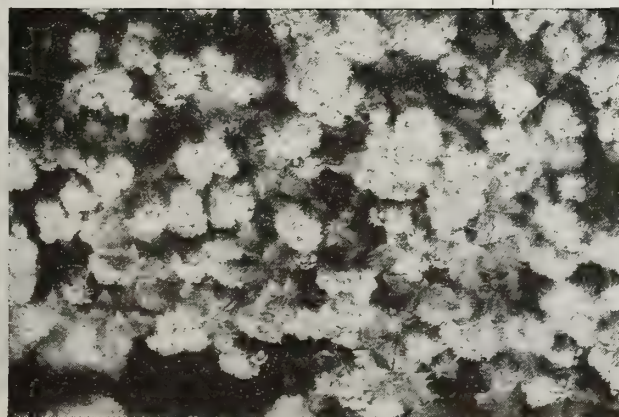


Comet Aster

Comet Aster—Mixed

This lovely Aster is perhaps better known than any other. It is immensely popular as it surely should be. It is a very large flowered variety. Its loose petals making it resemble a good sized Chrysanthemum. Single blooms sometimes measure 4 to 5 inches across. They are wonderfully prolific and continue in bloom right through the summer. Owing to the great diversity of color a bed of Comet Asters have a wonderfully gay and enlivening effect. In fact we know of no flower for the bed or border more likely to give real pleasure to the grower than our choice Asters. If you have never previously grown them let us advise you to make a start right now. We know how delighted you will be with the results of your efforts.

Cat. No. 328B—Large pkt., 10c.
(Sufficient seed for good size bed.)
Three large pkts., 20c; 1 oz., \$1.25.



Dwarf Blue Ageratum

Aster

CULTURE The Aster may be described as half-hardy, the seed being best sown under glass in the early Spring. The seedlings pricked out into boxes or in frames for planting out as occasion requires, when they are ready about June. The Aster makes a grand Bedding Plant as its fullest beauty appears when the ordinary summer flowers are beginning to fade. The blooms are freely produced and last long and are effective until the late Autumn frosts cut them off. The grand Victoria and Comet types should be grown in every garden. They are the best types for cutting and are in great demand by Florists everywhere for table decorations. Also for wreaths and bouquets. Aster seed sown outside and protected with covering in the early spring will produce grand flowering plants in August and September.



Victoria Aster

Victoria Aster

Our seed of this magnificent Aster is imported by us direct from the leading European Aster Specialists and can be relied upon to produce a magnificent display of perfect blooms, unequalled for their gorgeousness of coloring. The flowers are as large as a Chrysanthemum and grow about 18 inches high.
Cat. No. 329B—Large pkts., 10c each (sufficient seed for a good sized bed.)
Three large pkts., 20c; 1 oz., \$1.25.

Ageratum—Dwarf Blue

CULTURE To ensure early bloom it is best to sow Ageratum about March or April, in boxes or pans in a cold frame, where they will be protected from frost and transplant them where they are intended to bloom early in May or when all signs of frost have passed.

A grand border plant; flowers light blue and remaining in bloom right through the summer. A few plants of this delightful little flower will soon cover a good sized flower bed as the plants when well started extend themselves rapidly and soon become a mass of dazzling blue flowers. We don't know of a flower anywhere better suited to the border or for window boxes or Flower baskets than this delightful little flower. We ourselves had four beds each 60 x 20 feet in which we grew exclusively our Dwarf Blue Ageratums. They were the admiration of all who saw them and we know the effect will be that many more of our customers will put in a bed of them this next spring.

Cat. No. 330B—Large pkt., 5c; 3 pkts., 10c; 1 oz., 50c.

Notice to School Teachers, Etc.

In response to many appeals to have arranged to supply Schools with our Pure, Genuine and Unadulterated Seeds at special rates according to quantities ordered. Don't disappoint the little ones by letting them sow cheap worthless seed; get the best; it pays.

**Cash in the
Coupon Check.
You will find
it on page 27.**



Balsam Camellia—Flowered Double

(Lady Slippers)

CULTURE To ensure early bloom it is best to sow balsams about March or April in boxes or pans, in a cold frame, or where they will be protected from frost, and transplant them where they are intended to bloom early in May or when all signs of frost have passed.

The Balsam is not only one of the most beautiful but one of the very easiest to grow. Imagine about five hundred of these magnificent large double blooms upon a plant at one time. The branches being perfect pyramids of bloom, which is no uncommon sight with this plant. It is marvelous, truly a revelation to the many who never knew what really good Balsams are. A rich soil is not necessary; all they require is plenty of room. The gigantic flowers are double and perfect like Camellias, about two inches in diameter. And as the colors are some of the most beautiful to behold, their gorgeous splendor is a remarkably attractive sight.

Cat. No. 331B—Large pkt., 5c; 3 large pkts., 10c; 1 oz., 20c.

Bartonia Aurea

CULTURE Sow in the open ground early in May where they are intended to bloom.

One of the most showy of annuals, excellent, both for beds and borders. Producing showy, golden yellow flowers. The foliage is gray and thistle-like and is exceedingly brilliant in the sunshine. It does not bear transplanting so should be sown where intended to bloom. They commence to bloom a few weeks after sowing and remain in bloom right through the Summer and Fall.

Cat. No. 332B—Large pkt., 5c; 3 pkts., 10c; 1 oz., 15c.

Carnations—Marguerite Mixed

Bloom in six months from seed

CULTURE To ensure early bloom, it is best to sow carnations about March or April in boxes or pans, in a cold frame, or where they will be protected from frost, and transplant them where they are intended to bloom early in May, or when all signs of frost have passed.

Carnations are favorites with all lovers of flowers. This new strain will bring them within the reach and the cultivation of everybody, as it is one of the most valuable introductions of modern times.

Sow under glass in January and February and transplant as soon as ready. They commence to flower in July, producing a wealth of large blooms of great variety in color until cut off by the frost, thus producing a supply after the perennial varieties are over. Being equally valuable for indoor cultivation, some can be potted and placed in a cool greenhouse, when they will provide a succession of bloom during the winter months. They produce a very large percentage of double flowers, and include a most varied assortment of Fancy Yellow Ground Bizarre, as well as Selfs, rich with delightful fragrance and diversity of color.

Cat. No. 334B—Large pkt., 10c; 3 pkts., 20c; 1 oz., 65c.



Candytuft, White Rocket

One of the oldest annuals in existence and more popular than ever. It flowers in wonderful profusion throughout the whole season and its dwarf habit, growing from four to five inches high, makes it an exceptionally fine border plant; hardly a public park of note in the country without it. Perfectly hardy, grown easily, splendid for cut flowers. Extremely fragrant.

Cat. No. 333B—Large pkt., 5c; 3 large pkts., 10c; 1 oz., 20c.



White Rocket



Carnations—Marguerite Mixed



Pure Genuine and Unadulterated Seeds that Grow



Calliopsis (or Coreopsis) LARGE FLOWERING MIXED

Culture same as for California Poppy

One of the showiest and most easily grown of garden annuals. These new large-flowering sorts are great improvements; the plants form perfect little bushes about 10 inches high by 1 foot across, and are a perfect mass of bloom from early summer until cut down by frost. The flowers average nearly 2 inches across and range through yellow, golden, and crimson colors, usually with a garnet eye.

Cat. No. 335B—Large pkt., 5c; 3 Large pkts., 10c; 1 oz., 25c.

Early Flowering Cosmos

The earliest flowering variety in cultivation, blooming fully two months in advance of any other strain known. Seeds sown in open ground, in early May, will produce blooming plants in July, and continue a mass of bloom until killed by frosts. It is the result of painstaking selection from a few plants several years ago, which showed a decided tendency to earliness. This desirable trait is now so well established, that instead of a few plants coming early,—as in all other so-called early varieties—our Extra Cosmos is uniformly early, and will bloom in any part of the North. Its delicate fern-like

foliage and conspicuous crimson pink and white flowers form a pleasing contrast. The plants grow about four feet tall and bloom freely, where all others fail to show a bud, eliciting expression of admiration from every true lover of flowers. For ornamenting the home or church the cut blooms will be found most desirable, lasting a week or more if kept in water. The flowers are of good average size and are borne upon long stems, well above the foliage.

Cat. No. 336B—Large pkt., 5c; 3 large pkts., 10c; 1 oz., 30c.



Calliopsis

Suggestion for A Pretty Flower Garden

On this page we offer three of the most popular and pretty annuals that would add a charm to any garden. Let us suggest an arrangement for a flower garden in which either or all three may be used. The Cosmos growing about 4 feet high might be used as a center piece for a round bed, with Californian Poppies planted around them, filling in the border with Calliopsis. These three together would make a very attractive flower bed for a lawn. Early flowering Cosmos is well adapted to borders where it can be planted amongst shrubs to add beauty and color. Calliopsis and Californian Poppies are too well known to need any recommendation here. They are old favorites which add a charm to any garden.



EARLY FLOWERING COSMOS

California Poppy

CULTURE Sow in the open ground when all signs of frost are past. Thin out when the plants are sufficiently large to handle.

Unusually Attractive Exquisite Foliage.

Few plants are of more delicate appearance and attractive to the eye than this poppy-shaped flower, yet it is one of the hardiest and most easily grown. It is very showy and comes into bloom soon after its appearance above ground. It stands considerable cold and blooms after the first frosts. Very attractive as an edging because of its interesting and bluish foliage. The plants grow bushy and about twelve inches high. In sunshine the petals open up to their fullest and altogether it is as attractive an annual as one could wish for.

Cat. No. 337B—Large pkt., 5c; 3 large pkts., 10c; 1 oz., 20c.



California Poppy



Castor Oil Plant

(Ricinus Mixed)

A well known ornamental plant of stately growth and picturesque foliage, extensively used around lawns and in shrubberies to give a sub-tropical effect; make delightful center plants for beds. Just try a bed planted in the following way—Center of bed two or three Castor Oil Plants, surround these with Salvia (Scarlet Sage), and as an outside border use White Rocket Candytuft. The varied foliage of the Castor Oil Plants, the brilliant scarlet of the Sage and the snow white border of Candytuft will make a magnificent display very hard to beat. Our mixture is a delightful blend of all the best named varieties and includes all the following shades and colors: Bright Green, Deep Red, Bronze, Green and White, Carmine and Pink, a truly magnificent mixture, worthy of a place in every garden. As a pot plant for veranda decoration they are fine; they hold their own with the best of Palms, Dracenas, etc. Put one plant in a 12 inch pot or tub. Two or three stood about the veranda or porch will add dignity to any home.

Cat. No. 341B—Large pkt., 5c; 3 large pkts., 10c; 1 oz. 15c.



Castor Oil Plant (Ricinus)

Chrysanthemum (Annual)

Culture Sow in the open ground early in May where they are intended to bloom. Of all annuals these pretty flowers perhaps hold a leading position and many of them have been raised on our Seed Farms. All are beautiful in beds and borders and good for window boxes or cutting. Sow seed in spring in boxes for early flowering, and in the open for general work. Some varieties make useful pot plants; for this purpose they should be sown under glass and thinned out. 1½ feet high.

Cat. No. 338B—Large pkt., 5c; 3 large pkts., 10c; 1 oz., 20c.

“Morning’s Bride”

(Sweet Scabious Mixed)

Culture Sow the seed in heat in February and March in a pan or small box, and transplant the seedlings three inches apart in larger boxes; harden off as spring advances, and set out in the border towards end of May. They may also be sown where intended to grow.

During recent years this delightful flower has been much improved both in the size of the bloom and the range of color and is fast becoming one of the most popular of flowers.

They range in color from the purest white to the richest purple. No matter what your fancy colors may be you will find them in this splendid mixture. When given plenty of room and the seed vessels are kept regularly picked off, it will last in bloom right through the summer and fall; owing to its sweetness the bees are very fond of it and its floral facours also attract all the most beautiful types of butterflies to the neighborhood. One of the finest plants for bed or border and for cutting it is hard to surpass. Height, 18 inches. The flowers are borne on long wiry stems.

Cat. No. 339B—Large pkt., 5c; 3 large pkts., 10c., 1 oz., 20c.



Morning’s Bride

“Painted Tongue”

(Salpiglossis Mixed)

Culture Seed should be sown early in spring in a hotbed or window and transplanted when weather is settled or directly out of doors after danger of frost.

A beautiful bedding plant with Orchid-like flowers, greatly used for cut bloom, will remain a long time fresh after being cut. Produces an abundance of fascinating blooms and throughout the entire summer and fall, strong, of erect growth, bearing flowers of the finest markings. The exquisite beauty of the flowers with their rare combination of color is a revelation to all who see them for the first time. Our mixture contains only the very best and largest flowering varieties. A mixture that is sure to please the most exacting of our customers.

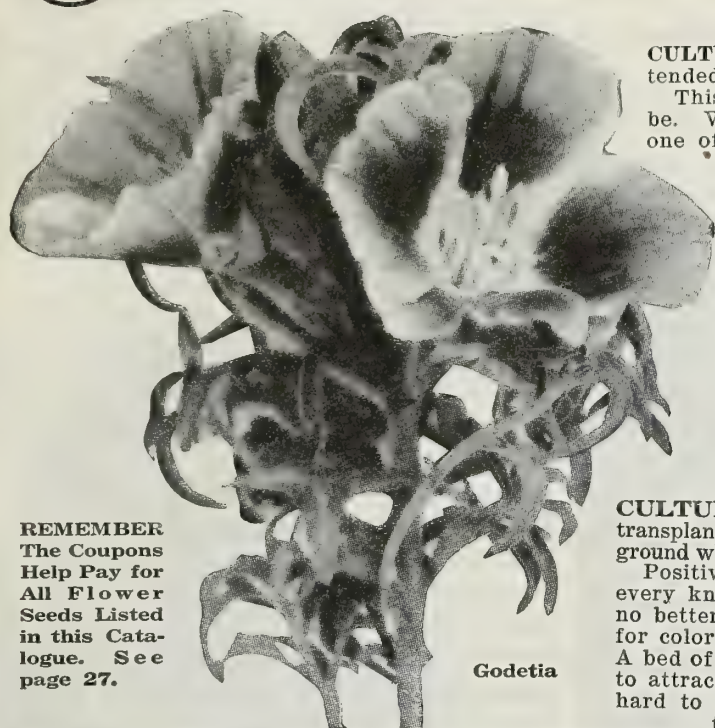
Cat. No. 340B—Large pkt., 5c; 3 large pkts., 10c., 1 oz., 50c.



Painted Tongue (Salpiglossis)



Pure Genuine and Unadulterated Seeds that Grow



Godetia

REMEMBER
The Coupons
Help Pay for
All Flower
Seeds Listed
in this Cata-
logue. See
page 27.

Godetia

CULTURE Sow in the open ground in May where they are intended to bloom.

This delightful flower is not so widely known as it deserves to be. We have not the slightest hesitation in saying for it that it is one of the loveliest of annuals and certainly no garden should be without a batch of them. The care and culture bestowed upon them has produced some really marvelous varieties, far exceeding in size of bloom and brilliance of coloring the old kinds. Perhaps there is no class of flower producing more abundant bloom. The habit of the species is excellent and the glossy, silky texture of the petals is worthy of inspection. The Godetia makes an excellent cut flower, a spike of half open buds continuing to develop for a long time if fresh supplies of water be given daily. It also makes an effective pot plant for the Greenhouse when sown at end of summer and kept growing through the winter in a cool house. Put in a bed of Godetias and Larkspur mixed and you will certainly be delighted with the effect.

Cat. No. 342B—Large pkt., 5c; 3 pkts., 10c; 1 oz., 25c.

Dianthus (or Indian Pinks)

CULTURE For early flowering sow seed in boxes in the early spring and transplant to the open ground when weather will permit or sow in the open ground when all signs of frost are past.

Positively one of the loveliest of flowers. Our mixture contains every known shade and color in the Pink family. There is probably no better known flower than this beautiful one. They are unequalled for color and fragrance. They produce an immense wealth of bloom. A bed of Indian Pinks are a delightfully pleasing sight and cannot fail to attract the attention of all who see them. For cut bloom they are hard to beat. The more you cut the longer and stronger they continue to bloom. They can be grown in any soil and withstand drought better than most other flowers. If you want a truly magnificent display of bloom try a bed of Pinks and Phlox Drummondii. The effect of these two flowers growing together is simply dazzling.

Cat. No. 343B—Large pkt., 5c; 3 large pkts., 10c; 1 oz., 25c



Dianthus or Indian Pinks

Kochia Scoparia

(Trichophylla)

Kochia Scoparia or Mock Cypress, is one of those old time plants that fell out of general cultivation for many years. An improved type has now been evolved, which makes a pretty plant, with a habit much resembling one of the compact evergreen shrubs. In Kochia Trichophylla we have an annual with feathery foliage, which changes as the summer advances from a light green to a rich crimson. The seed should be sown in Spring under glass, and the seedlings potted off singly, to be ultimately bedded out or plunged in the pots in which they are growing. The plants should be pinched back and trimmed to shape when necessary. Height about 2 ft.

Cat. No. 344B—Large pkt., 5c; 3 large pkts., 10c; 1 oz., 35c.



Kochia Scoparia



Galloway Bros. Bowman Co. Waterloo, Iowa, U.S.A.



Marvel of Peru Four O'Clocks (Mixed)

CULTURE Sow where intended, in bloom in May. This handsome, well known, free flowering garden favorite, does well in any soil and under almost all conditions. Produces large convolvulus-like flowers of many brilliant colors. The flowers are at the height of perfection during the afternoon, when the flowers are fully expanded. Height, 2 feet.

Cat. No. 346B—Large pkt., 5c; 3 large pkts., 10c; 1 oz., 15c.

"Cash It
In Right
Now."
The
Introduc-
tion
Coupon
Check On
Page 27.



Four O'Clocks

Matthiola Bicornis Evening Scented Stock

CULTURE Sow in the flower beds or border as soon as all signs of frost are past.

A dainty little flower with a delightful odor, seen in all old-fashioned gardens. The flowers are purple lilac and emit an entrancing odor during the evening and after showers.

Cat. No. 347B—Large pkt., 5c; 3 large pkts., 10c; 1 oz., 30c.

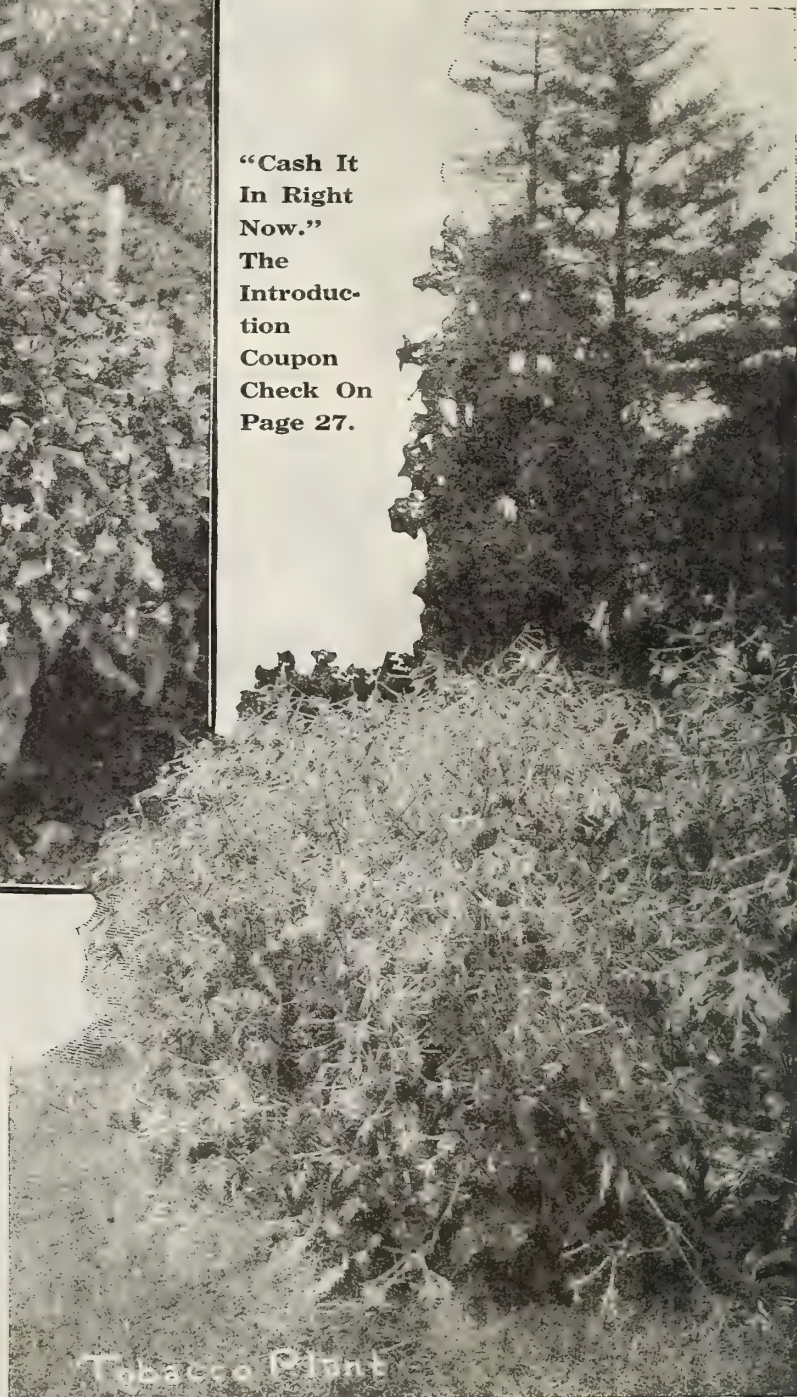
Nicotiana Affinis Tobacco Plant

CULTURE Sow in boxes or pans in the early spring and protect from frost and cold winds. Plant out as soon as all fear of frost is over.

A real gem for bedding. Most showy and profuse bloomer giving a continuous display of waxy white flowers right through the summer and autumn. They commence to bloom a few weeks from sowing. The plants are of branching bushy habit, 2 to 3 feet high, carry the flowers in clusters. One single plant will bear thousands of blooms during the season. The effect in the garden is simply unsurpassable. Delightfully sweet scented.

Cat. No. 348B—Large pkt., 5c; 3 large pkts., 10c; 1 oz., 30c.

Remember the Coupons help pay for every article listed in this Catalog



Tobacco Plant



Pure Genuine and Unadulterated Seeds that Grow



Larkspur (Dwarf Rocket)

Culture Sow in boxes in the early spring and protect from frost or in the open ground in May.

One of the easiest of easy flowers to grow and certainly one of the prettiest. It is the Annual Delphinium, grows 1½ to 2 ft. high. Fine for cut flowers and the border, blue, rose, white, delicate pink, carmine, light blue, mauve, purple, etc., spikes of bloom. Don't miss the real pleasure to be derived from a batch of these glorious flowers. If you have any favorite colors you will surely get them all in a batch of our Dwarf Rocket Larkspurs.

Cat. No. 350B—Large pkt., 5c; 3 large pkts., 10c; 1 oz., 20c.

Mignonette (Mammoth Flowering, Sweet Scented)

Culture Sow in the open ground after all fear of frost has passed. No garden can be complete without a batch of this delightfully fragrant and pretty flower. Our Mammoth Flowering Mignonette is much superior to the common variety so often bought in stores, that will develop into nothing much better than a weed. We offer you a great strain of this increasingly popular little flower. The most beautiful bright red mignonette in existence. The color being a magnificent pure bright red, extremely showy and enormous grand flowers, foliage beautiful rich green; a perfect flower for cutting; will remain quite fresh and fragrant for 10 to 12 days in water, the water being changed each day.

Cat. No. 351B—Large pkt., 5c; 3 large pkts., 10c; 1 oz., 15c.

Morning Glory (Japanese Improved or Giant Flowering)

Flowers of huge size, with colorings and markings that are quite beyond description. They include every shade and color from snow white to deep purple. Many are spotted, marbled, striped, flaked, and splashed. They are unquestionably the largest and most beautiful of this handsome family of easily grown climbers. Wherever climbers can be grown this handsome strain should have a prominent place.

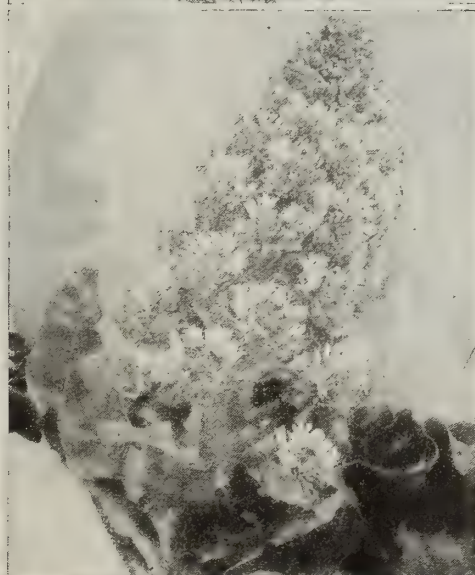
Cat. No. 352B—Large pkt., 5c; 3 pkts., 10c; 1 oz., 15c.

Hollyhock (New Annual)

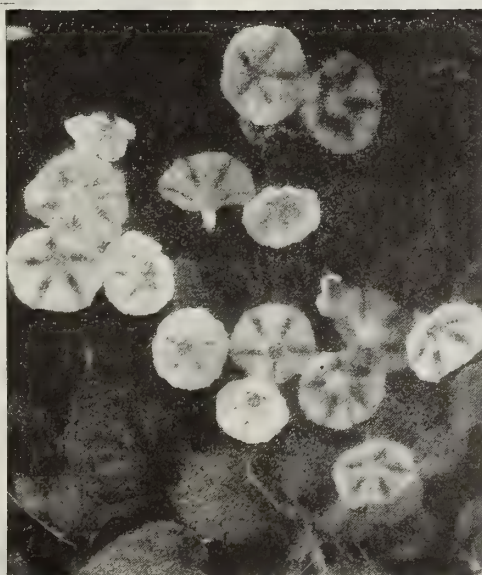
Culture To insure early bloom it is best to sow hollyhocks about March or April in boxes or pans, in a cold frame, or where they will be protected from frost, and transplant them where they are intended to bloom early in May or when all signs of frost have passed.

A comparatively new class of easy culture and flowering as quickly from seed as any garden annual. The plants from early sown seed set out in May begin flowering in July; the May sown in August; but in either event they flower profusely until frost. The plants are vigorous in growth and naturally branching in habit, and if given the best of treatment will thrive luxuriantly. The soil should be very rich, deeply dug, and during dry weather watered liberally. The diversity of forms and colors is delightful. There is a great variety of colors and color combinations in this strain, including maroon, pink, rose, crimson, white, cerise, scarlet and many variegations of dainty and exquisite blending. These lovely plants make a lovely background for a border or as a hedge to divide the kitchen garden from the flower beds.

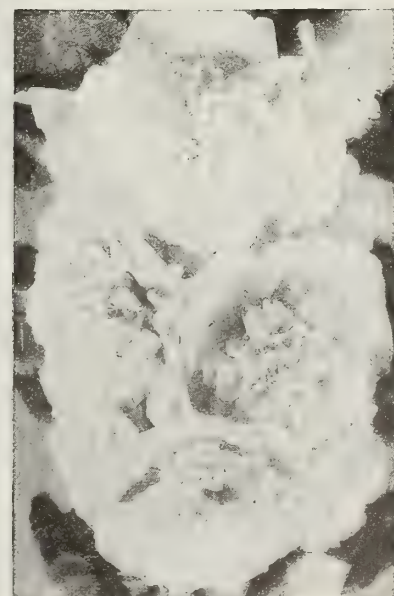
Cat. No. 353B—Large pkt., 5c; 3 large pkts., 10c; 1 oz., \$1.00.



Sweet Scented Mignonette



Morning Glory



Hollyhock



"Love-in-a-Mist"

"Love in a Mist"—Nigella

CULTURE Sow in the open ground in May.

A compact free flowering plant with very finely cut foliage. The plants grow to oval bush form 15 to 18 inches high. A very curious and interesting plant. In the finely cut fern-like foliage nestle hundreds of lovely bright blue double flowers 1½ inches across, a distinct and pretty novelty that is bound to interest and please all who grow it.

Cat. No. 355B—Large pkt., 5c; 3 large pkts., 10c; 1 oz., 20c.

Shirley or Ghost Poppies Galloway-Bowman's Beauty Mixture

CULTURE Sow out of doors where they are intended to bloom as soon as weather permits.

It is impossible in describing these lovely flowers to do them full justice. There is nothing more graceful than the silky blooms of this magnificent variety, and we can safely say that no flower will give more pleasing display of gorgeously brilliant bloom. This strain particularly is considered by many the most charming in cultivation. The individual flowers are large and elegant, the exquisite colors range from purest white to deep blood-red, in every conceivable combination and markings. Plants grow from eighteen to twenty-four inches. Are well branched, and produce immense quantities of flowers right through the summer. Many of them measure as high as four inches across. Put in a bed of our Beauty Shirley Poppies and border them with Sweet Alyssum. The effect will be pleasing in the extreme and bound to please the most critical lover of the artistic in flowers.

Cat. No. 356B—Large pkt., 5c; 3 large pkts., 10c; 1 oz., 25c.

Giant Double Poppies A Beautiful Mixture

CULTURE Same as for Single Shirley Poppies.

A truly magnificent collection of double annual Poppies of immense size and dazzling brilliance. In this mixture is included only the richest, most brilliant and loveliest shades and colors. The flowers which are 4 to 5 inches in diameter are produced in great abundance on stems 2½ to 3 feet high and if the seed pods are plucked off as they mature a continuous supply of bloom may be expected for many weeks. A few batches of these very showy flowers will add life and gaiety to the brightest of gardens. For imposing effect there is no better Poppies anywhere than our Giant Double Mixture. One packet contains sufficient seed to make a gorgeous display.

Cat. No. 357B—Large pkt., 5c; 3 large pkts., 10c; 1 oz., 25c.



Shirley (or Ghost) Poppy



Giant Double Poppy



Pure Genuine and Unadulterated Seeds that Grow



Tall Nasturtiums Giant Flowering (Mixed)

This grand mixture contains a wealth of color seldom found in other mixtures, crimson, rose, yellow, pink, orange, white, spotted, etc., etc. For brilliancy of coloring and general excellence nothing excels Nasturtiums. They are easy of culture. All they need is a moderately good soil in a well drained sunny position and from within a few weeks from the time they are sown until hard frost comes there is an endless confusion of gorgeous blossoms. An excellent and luxuriant climber for verandas, trellises, etc. Useful for covering unsightly buildings, soon transforming the unsightly into the beautiful. When the position does not admit of its climbing it is equally at home as a creeper and can be used for covering rocks and mounds to fine advantage. Many people gather the Nasturtium seeds in the fall and use them for pickles. They make a good substitute for caper sauce. No garden is complete without a batch of the pretty climbing annual.

Cat. No. 360B—Large pkt., 5c; 1 oz., 10c; $\frac{1}{4}$ lb., 30c; 1 lb., 90c (postpaid).

Giant Flowering Tom Thumb

There is no finer mixture anywhere than our Giant Flowering Tom Thumb. It contains all the known shades and colors in the Nasturtium family and can be relied upon to make a display that it would be hard to beat anywhere. In the mixture is included all the new varieties from the best growers, both in America and Europe. No matter what fancy prices you might be tempted to pay, you could not possibly obtain anywhere a finer selection of these pretty flowers than we offer here. Individual plants grow about 10 inches to 1 foot high and about 1 foot across and are completely covered with mammoth flowers measuring from 2 to 3 inches across. For flower beds, borders, window boxes or hanging baskets it is an ideal plant and can be depended upon to do well wherever planted. They are the easiest of easy plants to grow.

Seed sown in the open ground in the spring will produce plants that commence blooming during early summer and continue right on to late frost.

They are dainty little flowers for cutting and add an air of cheerfulness to the room. Our mixture contains amongst others the following shades and colors: Crimson, Red, Rose, Purple, Pink, Yellow, Orange, Carmine, Creamy White, striped, blotched, etc., etc.

Cat. No. 361B—Large pkt., 5c; 1 oz., 10c; $\frac{1}{4}$ lb., 30c; 1 lb., 90c (Post-paid).

African Marigold

We never really appreciated the worth of the Marigold as a bedding plant until this season, but after seeing them in the borders of our Seed Testing Farm we are convinced that their value as a bedding plant cannot be over estimated. The African Marigold produces densely double flowers 8 to 10 inches in circumference and of the regularity and perfection of a Dahlia. For effective garden display during the summer and fall nothing can surpass the gorgeous masses of color of these grand plants. Color of flowers brilliant golden orange and pale canary yellow. This fine old fashioned flower was the pride of our Grandmother's garden.

Cat. No. 362B—Large pkt., 5c; 3 large pkts., 10c; 1 oz., 40c.

French Mixed

One of the prettiest and handsomest of Marigolds grows about 12 inches high and is literally covered with light, dark brown and gold striped flowers. The foliage is also very attractive, being finely cut and fern-like. Owing to its deep root it is able to withstand drought. Makes a handsome edging plant.

Cat. No. 363B—Large pkt., 5c; 3 large pkts., 10c; 1 oz., 30c.



Tall Nasturtiums

Remember the Coupon Check—just the same as so much real money to you. Cash them in now.



French Marigold



Galloway Bros. & Bowman Co. Waterloo, Iowa, U.S.A.



Petunia-Model Mixed



Petunia
Model
Mixture

Petunia-Model Mixed

We have taken great pains to secure a stock of this universally popular and loved flower to ensure our thousands of customers getting the finest and best that is grown anywhere. Our Model Mixture is unequalled for size of bloom and great diversity of color. The flowers are beautifully striped and blotched with a good blend of the delightfully fringed varieties. It also includes all the best colors of the large flowering section, blue, red, scarlet, white, crimson, violet, etc. Height, 1½ feet.

Cat. No. 365B—Large pkt., 5c; 3 large pkts., 10c; 1 oz., \$1.00.



Rose Moss

Portulaca Rose Moss

Single and Double Mixed

Culture Sow in the open ground where they are intended to bloom about May or as soon as the frosts are over.

Should be sown in every garden. Scarcely any annual in cultivation makes such a dazzling display of beauty as a bed of highly-colored many-hued Portulacas. In bloom from July until frost. Plant in dry sandy soil in the garden as soon as it becomes warm. Let the bed have full exposure to the sun and withhold water after the plants appear. Stands any amount of dry weather. Blooms of double varieties are about one and one-half inches across, of many colors and remain open all day. The plants grow about 6 inches in height.

Cat. No. 366B—Large pkt., 5c; 3 large pkts., 10c; 1 oz., 35c.



Pure Genuine and Unadulterated Seeds that Grow



A Beautiful Salvia Border Surrounding Our
Automobile Garage

Salvia—Scarlet Sage

Makes a matchless border



Salvia
(Scarlet Sage)

Culture

To ensure early bloom it is best to sow salvia about March or April in boxes or pans in a cold frame or where they will be protected from frost, and transplant them where they are intended to bloom early in May or when all signs of frost have passed.

A bed or border of Scarlet Sage always compels attention. It has long been a leading favorite. We know of nothing that can equal the gorgeous effect of a bed of Scarlet Sage when in full bloom. The large waving masses of Scarlet bloom against green surroundings of lawn or foliage is matchless. Salvias can be grown in almost any position with fine effect; in the flower bed; along the walk or in borders. They also add to the attractiveness of a shrubbery if planted in clumps in the vacant spaces, the varied shades of green and the dazzling scarlet have a most pleasing effect. We offer only the large flowered variety which produces flowers twice the size and twice as numerous as the old variety; height of plants three feet with flowering stems from base to tip of Plant. They make fine pot plants for the Conservatory or Greenhouse.

Cat. No. 368B—Large pkt., 5c; 3 large pkts., 10c; 1 oz., \$2.00.

Ten Week Stocks (Double)

GIANT FLOWERING MIXED. This stock is one of the most popular annuals, either for bedding or pot culture; for brilliancy and diversity of color, fragrance, profusion and duration of bloom it is unsurpassed. Start the seeds in February and March, and as soon as the plants have their second pair of leaves, prick out into shallow boxes and in about four weeks the plants will be ready to pot; from which they should be transferred to the open ground in May or June.

Cat. No. 369B—Large pkt., 5c; 3 large pkts., 10c.



Ten Week Stock



Galloway Bros.-Bowman Co. Waterloo, Iowa, U.S.A.



Sweet Peas

HOW TO GROW THEM

Sow the seed in new ground as early in spring as the soil can be worked. Prepare a trench to a depth of about 2 feet, and at least 18 inches wide. Fill in with rich loam which has been thoroughly incorporated with well rotted barnyard manure or sheep manure. Leave sufficient space in the center for brush or trellis, scattering the seeds thinly on both sides at a depth of 6 inches. Cover the seeds 2 inches deep and fill in the trench from time to time as the plants appear, until on a level with the ground. Mulch the surface to prevent the soil from drying out and water freely throughout the season. Pick flowers daily and do not allow to go to seed.

Extraordinary Offer!

Spencer Sweet Peas

The Spencer Type is without doubt the most wonderful class of Sweet Peas in existence. The flowers freely and continuously produced throughout the season are also correspondingly large, measuring 2 to 2½ inches across. The wings are large and gracefully posed, while the giant standards round and upright are frilled. The undulations diminishing fanlike into dainty waves at the margin. The effect of which is high lights and shadings, giving a harmony of varied color tones. Three and often four of these queenly blossoms are borne on a strong stem nearly a foot in length, rendering them unsurpassable when cut and vased. They are also ideal for bouquets.

This is the grandest type of Sweet Peas grown and we are anxious to place them within the reach of all our customers. We have therefore decided to offer them in collection form at a special low price; usually they are sold at 10 to 15c per small packet; our price is 60c for a collection of 9 of the best known and most beautiful of the Spencer type. You can't beat this offer anywhere.

Catalogue No. 370B—

60c for the

Complete Assortment



Spencer Pure White Sweet Peas

Spencer Sweet Pea Collection

Nine Distinct Colors in Separate Packets

Spencer's Pure White, a magnificent flower.

Mrs. Hardcastle Sykes, lovely pale pink.

Mrs. Charles Mander, beautiful deep purple.

Astra Ohn, delightfully delicate lavender.

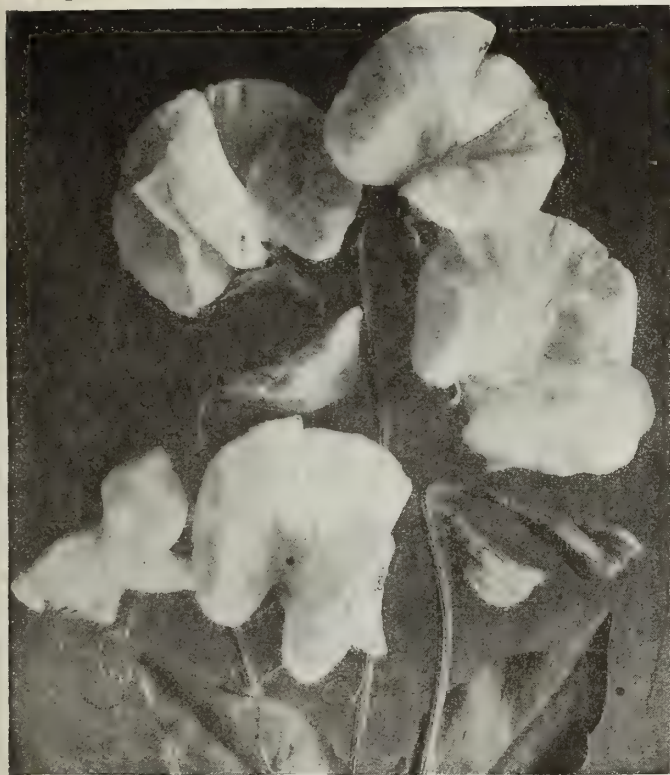
Sutton's Queen, delicate primrose.

Princess Victoria, very attractive blush, pink edge.

John Ingman, very rich rosy carmine.

Blanche Terry, a prime favorite, pink and white.

Helen Lewis, rich orange.



Giant Orchid Flowering

Giant Orchid Flowering

There is no flower so universally and extensively grown as the Sweet Pea, and everybody wants the finest and best flowers obtainable. Now we say unhesitatingly that if you sow our Giant Orchid Flowering Mixture you will get absolutely and positively a mixture unsurpassed anywhere in the wide world. All the old small flowering types have been eliminated and nothing but the very highest type put in. Many of the stems of this grand new Sweet Pea carry 3 to 4 blooms each, of immense size and beautifully crimped. There is no limit to the range of color. The mixture contains fully one hundred of the best known large flowering varieties and covers every known shade and color. The stems are long, fully 12 to 14 inches, making it an ideal mixture for cut bloom. In order to prolong the flowering period of Sweet Peas the seed pods should not be allowed to develop. This can be done by keeping the blooms picked. There is really no need to pay high, fancy prices for named Sweet Peas, when you can get them all in this mixture at so reasonable a price.

Cat. No. 371B—Large pkt., 5c; 1 oz., 20c; ¼ lb., 60c; 1 lb., \$2.00.



Giant Flowering

Giant Flowering In Mixed or Separate Colors

Our Giant Flowering Sweet Peas are selected from all the best named varieties outside the Orchid Flowering type shown on opposite page. All the small varieties have been eliminated and nothing but the largest varieties retained. As so many of our customers like to sow their Sweet Peas in separate colors we offer you the choice of the following shades put up in separate packets, and we guarantee them to have perfect bloom and length of stem, making them especially suitable for cutting and bouquets.

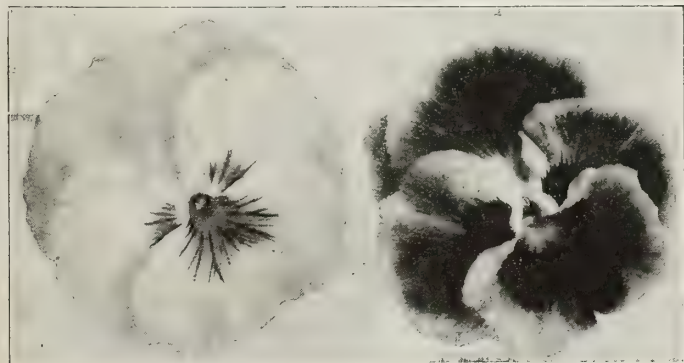
Pure White.	Pure Striped.
Pure Pink.	Pure Lavender.
Pure Primrose.	Pure Orange.
Pure Blue.	Pure Blush.
Pure Crimson.	Pure Pink and White.
Pure Maroon.	Pure Scarlet.

Cat. No. 372B—Per pkt. (state color), 5c.

Cat. No. 373B—Collection of 12 pkts. (separate colors), 50c.

The Above Colors in Mixture (12 shades)

Cat. No. 374B—Pkt., 5c; 1 oz., 10c; ¼ lb., 35c; 1 lb., \$1.30 (Postpaid).



PANSY

Galloway-Bowman's Giant Butterfly Pansies. "The Largest Flowering Pansy in the World."

Culture The pansy will succeed in any soil that is not too high or dry. In early spring the seed should be sown in boxes and when the plants are large enough planted out in the garden. Plant not less than 6 inches apart. There should be no check in their progress either by cold winds, very hard frost or long drought; nor should they be watered with very cold water during the hottest weather.

Everybody, young and old, loves the Pansy and we are sure our Giant Butterfly Mixture will compel an even greater appreciation of this lovely flower than ever. It is a superb mixture of all the largest and best types in every known class. Will produce enormous blooms in all the richest colorings and markings. It is the best of all the American and Continental strains and secured by us only at great expense. They are variously colored in all the richest shades, markings and facings, many of them being beautifully crimped, a very curious combination of coloring that cannot fail to elicit astonishment by all who see them. The mixture from which growers often discover new and beautiful strains. A grand class from which to select exhibition blooms.

Cat. No. 375B—Large pkt., 10c; 1 oz., \$2.00.



G-B Giant Flowering Phlox Drummondii

PHLOX DRUMMONDII

Galloway-Bowman's Improved Giant Flowering Mixture.

There never was a time when this immensely pretty flower was more popular than it is today and there's a reason. A few years ago the colors were restricted to about 6 shades, but today there seems no limit to them. We don't think there is a single known shade or color missing in our Improved Giant Flowering Mixture. A bed of Phlox in itself is a delightful sight, a perfect mass of bewildering color; from seed sown in the early spring they soon become a perfect sheet of bloom. We had a magnificent display on our Seed Testing Farm this summer. We put in a border of Sweet Alyssum and backed them up with our Giant Flowering Phlox. We do not think there was anything on our whole farm to touch it for pretty effect. Although the Phlox was continually picked for table and other decorative purposes it continued to bloom in profusion until cut off by severe frost. They produce masses of bloom from ground to summit. They are easily grown, succeeding in any sunny situation, beginning to bloom in the early summer and continuing right through till the close of fall. If you want a delightfully bright and interesting garden be sure not to forget this lovely flower. Height, 8 to 10 inches.

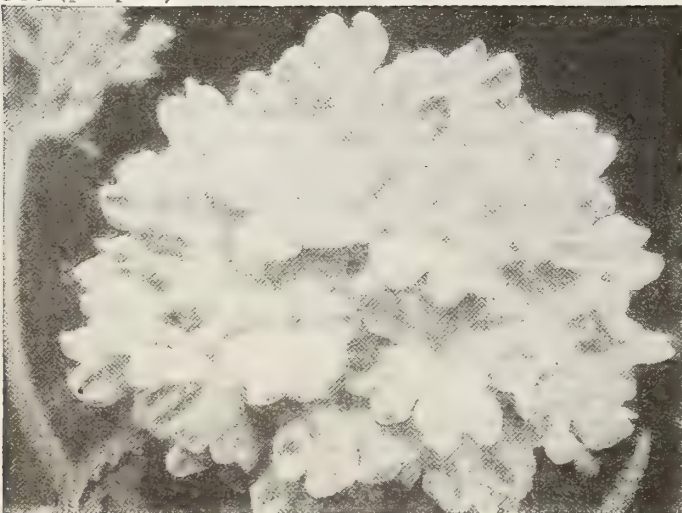
Cat. No. 701B—Large pkt., 5c; 3 large pkts., 10c; 1 oz., 25c.

Scarlet Runner Beans

"An Old Favorite"

For full description of this very popular climber see our bean list in vegetable section of this catalog. Don't forget that even a child can grow this pretty climber, its rapid development always pleases them.

Cat. No. 377B—Large pkt., 5c; 1 oz., 10c; 1 pint, 30c; qt., 50c (postpaid).



Verbenas—Giant Mixed



Mammoth Double Mixed Zinnias

Zinnia

(Galloway-Bowman's Mammoth Double Mixed.)

This mixture of Zinnias cannot be beaten either for the quality of the flowers or the range in colors. It contains every type of Zinnia known, including the beautiful curled and crested varieties. The colors include White, Crimson, Violet, Purple, Orange, Scarlet, Yellow, Lilac, Rose, Sulphur, and Pink. The plants grow 2 to 3 feet high producing their handsome double flowers on long stems. Few flowers give greater satisfaction to their raisers than the beautiful double Zinnias.

Cat. No. 376B—Large pkt., 5c; 3 large pkts., 10c; 1 oz., 35c.

Painted Lady or Butterfly Climbing Beans "A Real Novelty"

Culture Same as for Scarlet Runners. This is a very pretty Climber, bearing large trusses of Pink and White flowers in great profusion right up the vine and lasting in bloom throughout the whole summer and fall. Seeds planted in the open ground in May and kept well supplied with water will be sturdy young plants in about ten days and in a few weeks will completely cover a trellis or porch.

Cat. No. 378B—Large pkt., 5c; 1 oz., 10c; pint, 30c; quart, 50c (postpaid).

Verbenas (Giant Mixed)

Culture To insure early bloom it is best to sow Verbena about March or April in boxes or pans, in a cold frame or where they will be protected from frost, and transplant them where they are intended to bloom early in May, or when all signs of frost have passed.

One of those good old favorites, deserving a place in every garden. Another flower that has been improved almost out of recognition, whereas only a few years ago the flowers were woefully small and their color limited to but a few shades. Today it is a handsome plant with a range of color that is almost bewildering. Few plants are better liked and give more satisfaction. They are strong, healthy and vigorous, bloom freely right through the summer and fall. For garden, beds and massing these verbenas are unrivaled. They also do well in window boxes and as pot plants. A bed of verbenas with a border of white Candytuft or Sweet Alyssum make a gorgeous display.

Cat. No. 380B—Large pkt., 5c; 3 large pkts., 10c; 1 oz., \$1.00.



Pure Genuine and Unadulterated Seeds that Grow



Geranium Dainty

STOP RIGHT HERE! SPECIAL!

Don't Read Any
Further Before
Ordering One of
These Fine Plants

DAINTY—A new variety and one of the very best of Geraniums. Three of these fine plants would make an ideal window display. Flowers are a beautiful shade of pink, red, borne on stiff stems, a good strong grower and a great improvement over the old varieties. Wm. Galloway's favorite. This variety was imported by us last season and we have a limited supply on hand and will not furnish more than three to any one person. Every one loves geraniums and we know no other present that will be so much appreciated by your wife, mother or sister than one, two or three of this brand new variety of geranium, and we will send it to them direct, postage paid for you. Remember our supply is limited and if you want one of these, order early. Cat. No. 380B—Price, 50c each, 3 for \$1.00 (postpaid).



Galloway-Bowman's Gladiolas

Tender or Bedding Plants

For those wanting a suitable plant for house growing or summer planting you cannot miss it by choosing any one of the following varieties.

ELEPHANT'S EAR (*Caladium*)—A splendid tropical appearing plant with very broad showy leaves. Grows 4 to 5 feet. For bedding. Cat. No. 381B—15c each; \$1.25 per doz.
CANNAS—The grandest of all bedding plants of quick growth and tropical appearance. They present throughout the summer a mass of gorgeous color, withered by the frost in fall. For bedding. Cat. No. 382B—15c each; \$1.25 per doz.
DAHLIAS—These showy and pretty flowers are becoming very popular. It begins to bloom in July and continues until frost. For bedding. See cut below.

Cat. No. 383B—20c each; \$1.50 per dozen.

GLADIOLAS—A very well known and attractive summer flowering bulb. Used extensively for cut flowers and deserves a place in every garden. For best results they should have a sunny place and light, sandy soil. See cut below.

Cat. No. 384B—50c per dozen.

ASPARAGUS FERN (*Asparagus Springeri*)—Perhaps the best known house plant introduced in years. Withstands a dry atmosphere and is very decorative.

Cat. No. 385B—Large plants, 75c each.

ASPARAGUS PLUMOSIS—A very beautiful plant with bright green foliage. House plant.

Cat. No. 386B—Large plant, 75c each.

BOSTON FERN—Well known, standard variety. Leaves long and slender, drooping gracefully. No better all round house plant.

Cat. No. 387B—Large plant, 50c each.

OSTRICH-PLUME FERN—A beautiful fern, possesses the same vigorous growth of the Boston fern. Fronds deep and heavy, and have a feathery, plume-like growth.

Cat. No. 388B—Large plant, 75c each.

Geraniums

Old favorites which have occupied a conspicuous place in all homes.

S. A. NUTT—The best Red Geranium. A fine red and a free bloomer.

Cat. No. 389B—Large plant, 15c each.

LA FAVORITE—A fine white, even when grown in the open ground. A universal favorite.

Cat. No. 390B—Large plant, 15c each.

MRS. E. G. HILL—Flowers large and perfect in form, brilliant salmon with a light shading.

Cat. No. 391B—Large plant, 15c each.

MADAM SALLEROI—Fine dwarf, variegated foliage, fine for edging your beds. Cat. No. 392B—Large plant, 10c each.

IVY LEAVED GERANIUM—A very pleasing novelty, with leathery dark green leaves and a free bloomer. Fine for window boxes.

Cat. No. 393B—Large plant, 20c each.

Don't fail to order one of our special Geranium Dainty.

Three Suggestions to American Farmers

1st. **PLANT** a dozen shade trees about your farm to make shade for your cattle and chickens.

They will be better for it.

2nd. **BUY** some timber trees and set out a timber belt on your farm. It pays. There's big money in it.

You will be better for it.

3rd. **HAVE** us send three of our special new Geraniums as advertised on this page to your wife.

She will appreciate them. They're extra fine.



Galloway-Bowman's Dahlia



Galloway Bros.-Bowman Co. Waterloo, Iowa, U.S.A.



Lawn Grass Seed

A perfect Mixture of Solid Dwarf Evergreen Grasses



View of the Galloway Employee's Playing Grounds, Waterloo, Ia.

GALLOWAY-BOWMAN'S LAWN GRASS SEED

A Perfect Mixture of Solid, Dwarf Evergreen Grasses

Use 3 to 4 bushels per acre to form new grounds or two bushels per acre to renovate old ones. 1 lb. of our solid seed is sufficient for sowing down a patch of 300 square feet.

Cat. No. 394B—Price: 35c lb. (postpaid); 25c lb.; 10 lbs., \$2.25; 20 lbs., \$4.00 (express or freight).

How to Renovate

If the lawn has been neglected, but is not too full of weeds or too uneven, our Special Mixture of Grass Seeds should be used to the amount of about 1 lb. to every 200 square feet. Stir the surface of the lawn before sowing, with an iron rake and roll after the seed is sown.

Moss will not grow where lawns have been properly manured, but should this not have been done, a dressing of wood-ashes will remove it if the ashes are allowed to remain long enough. The grass is not injured by the application. When lawns show a sign of failing in dry weather they should be watered in the evening. We have often seen lawns liberally sprayed with cold water during the hot midday sun. Let us here tell you that nothing is more likely to injure a lawn quicker than this thoughtless practice, for the grass becomes cooked and the soil often baked, never under any circumstances water your lawn until the sun is off the grass. Evening is always the best time to water. This also applies to flower beds and borders.

HOW TO MAKE A LAWN

Expert Information by our English Expert

MR. GEO. HALL, Seed Expert

Roughen the surface of the ground with a rake before sowing. Sow broadcast and choose a calm day for the operation so that the seed, which is very light, may lie evenly over the whole surface. When the seed is sown, rake it in so that it may be out of sight of the birds; or fine sifted soil may be strewn about lightly. All footprints must be obliterated. Small birds, especially sparrows, are very fond of grass seed and in some places it will be necessary to devise a contrivance to outwit them. The quantity of the Special Mixture supplied by us necessary for one statute acre is about 80 lbs. or 1 lb. to 50 square yards. Some sow only 60 lbs. an acre, some as much as 100 lbs.; but 80 lbs. is the quantity we recommend to produce a fine, thick, velvety sward in a short time. If the weather proves very dry, the ground may be watered in the evening with a fine hose, both before and after germination. The grass will be ready to cut in a fortnight or three weeks; any weeds that are seen should be eradicated; an easy task now, but more difficult later on. If any bare places appear, the spots should be lightly stirred with a hoe and sown with more seed, which must be again lightly covered with sifted soil. Employ a very sharp scythe when cutting for the first time; the young grass tops may at first be left upon the ground as a shelter from the sun. Cut every ten days or so and roll directly after. When the growth is sufficiently strong, a mowing machine may be used. Great attention should be paid to these regular mowings and rollings, as upon them success now greatly depends; the coarser grasses (if any) cannot possibly flourish under this regime, and will be eventually killed, whilst frequent rollings, especially in moist weather, will keep the soil compact and the surface even. An occasional dressing with Galloway-Bowman's Lawn Manure through the first year will be of benefit.



Pure Genuine and Unadulterated Seeds that Grow



Sow Pure, Genuine, and Unadulterated Seeds

A certain amount of care must needs be taken in making a lawn, and if the following instructions are carried out at the commencement, a great deal of unnecessary after-trouble will be avoided. Sow weeds, and you will be forever endeavoring to destroy them; sow coarse, tall-growing grasses and you will either have to destroy your produce and sow again next season or will enter upon a wearisome and prolonged course of eradication, and close mowing. Hoping by so doing to destroy the very plants whose weeds were sown by you, and looking forward to the germination of close-growing sorts, which, if they be there at all, have no one to thank but chance. Rather be careful to obtain from a firm of repute, reliable seeds, perfectly freed from weeds by the machinery of the scientific seedsman, whose study it is to supply only those sorts of close and tenacious habit in such a mixture as will ensure the turf being green at all seasons of the year.

Good Lawn Land

Good lawns cannot be expected upon land holding stagnant water, and the best are those formed upon well-drained soils; neither too heavy nor too light; if the former, some light vegetable mould should be added; if the latter, some rather heavy turfy loam. The very best foundation is a rather clayey loam. The preparation of the ground should not be carried out in very dry weather, but when the earth is in good working order. The ground should be dug to the depth of one or two feet and thoroughly cleaned of weeds and coarse grasses. If at all poor, well rotted cow or horse manure should be incorporated with it, but this should not be allowed to remain near the surface, and should be evenly mixed with the soil, or the grass may grow in a patchy manner, greener and stronger in one place than another. Galloway-Bowman's Lawn Manure is to be recommended, and may be used pretty liberally with good results. When well dug the ground should be allowed to remain till spring to settle, and be worked by the frost. Before sowing it should be made even with a rake, freed from all stones, and carefully rolled until a firm surface is obtained. If soil, in the process of leveling, to be carted from one spot to another, use planks, upon which to wheel the barrows. Light dressings with Galloway-Bowman's Lawn Manure before rain will be found of great service in keeping up a good standard of growth and healthy color.

Clover — White Dutch

Galloway-Bowman's Extra Special Selected—It is used very much with grass seed for lawns. It spreads very rapidly and acts as a binder. It is very hardy and is of great value in permanent pastures, as it affords a most nutritious food for sheep and cattle. Sow 6 lbs. per acre. Free sample for comparison, or large packet, 10c.

Cat. No. 400B—Price, 1 lb., 65c (postpaid); by express or freight, 10 lbs., and upward, 55c lb.

Clover — Shady Nook Mixture

A mixture of grasses specially suited to shady situations, excellent for sowing under trees.

Cat. No. 401B—Price, 35c lb. (postpaid); 25c lb., 10 lbs., \$2.25; 20 lbs., \$4.00. (Express or freight.)

Don't Use Turf

Turf is nearly always full of weeds, and unless it can be cut practically on the spot to use it is a much more expensive mode than sowing seeds. In most places the cost of turf for an acre would be about ten to twenty times more expensive than seed to sow the same area. Then again, after the greatest care turf will often not take properly to the soil, and seeds have to be fallen back upon in the end.

For the small amount of money to be invested there is nothing that will add so much, not only to the appearance of the place itself but to the general satisfaction of the dwellers, as a deep velvety green lawn, throughout the entire summer season.

You never get tired of a good lawn. In fact you never get enough of it. You want just as much of it, as you can possibly have.

Did you ever stop to think how much a good, well kept, lawn adds to the general appearance and selling value of a home, to say nothing of the satisfaction the owner gets out of it.

We have an unexcelled mixture, of all the finest and purest evergreen grasses. A mixture that will ensure the growth of a beautifully compact evergreen sod in the shortest time. There is no better mixture anywhere and we stake our reputation on it. Quantities to use: 1 lb. for 300 sq. ft.; 25 lbs. for ¼ acre.

Value of a Lawn

There is nothing more pleasing to the eye, that adds more beauty to the home, and in every way adds to the general appearance throughout than a well made and well kept lawn.

Take, if you will for example, a new fine home just built; there is something lacking, something incomplete about the general appearance, but as soon as the lawn is prepared, the proper grass seed has been sown, then the surroundings become more a thing of beauty which adds to the general appearance of the whole place, and not until the lawn is in a pleasing condition can the improvements on the place be in any way considered complete.

G-B Perfect Lawn Fertilizer

Especially Prepared by Our Mr. Hall, Grass Expert

We have prepared a Special Lawn Fertilizer which we have used upon our own Lawns and Playing Grounds during the Spring and Summer to great advantage. The grass which was in very poor shape and of unhealthy color, after two or three treatments soon began to improve and during the summer was a beautiful carpet of delightfully rich, dark green grass; something good to look upon, the admiration and envy of all who saw it and a real pleasure to tread upon. Now if your lawn or grass patch is in bad shape just let us send you a bag of this matchless Fertilizer. It certainly will do for your lawn what it did for ours. Many a good grass patch is spoiled for lack of a little plant food. Our fertilizer is good also for flower beds and borders; also for pot plants inside and out of the house; has no objectionable odor. As a stimulant for tomatoes and other vines it is without an equal. Last but not least, the price is right.

Cat. No. 402B—5 lb. Bag, 35c (Sufficient for 200 sq. ft.); 10 lbs., 60c; 25 lbs., \$1.25; 50 lbs., \$2.00; 100 lbs., \$3.50.



J. W. Galloway's home at Waterloo, showing pleasing effect of lawn when White Dutch Clover is mixed in lawn seed.



Galloway Bros.-Bowman Co. Waterloo, Iowa, U.S.A.



SPECIAL Nursery Bargain Collections

This page will save you real money. Read our special collections and order one or more. You can surely make use of them and our offers here mean about 30 per cent discount to you. You will find all these varieties described between pages 67 and 98 of the catalogue. Read the descriptions carefully and then give us a trial order of one of these collections. We will please you, or if not, remember our terms: satisfaction or money back and we pay freight both ways.

Nursery Collection No. 1 50c Saved

You would not hesitate to pick up 50c if you found it.

This is just like finding it.

Order this special \$1.00 collection and receive \$1.50 worth of plants, figured from our low prices in catalogue. Look them over.

There is nothing you cannot use.

This Offer Below Means 50c to You

	Catalogue Price
4—2-year-old Concord Grapes.....	\$0.60
2—Strong plants Cumberland Raspberry.....	.10
2—2-year-old Fay's Currants.....	.30
2—2-year-old Downing Gooseberries.....	.50
	\$1.50
Cat. No. 403B—All for	\$1.00

Nursery Collection No. 2 \$1.00 Saved

You will make \$1.00 because you will get \$4 worth of nursery stock for \$3.00.

No waste in this list of the best. Everyone can use them.

We figure from our extremely low prices in our catalogue. Remember its quality stock, too. Order this one sure.

Galloway-Bowman's Offer Here Means One Dollar to You

4—2-year-old Concord Grapes.....	\$0.60
2—Strong plants Cumberland Raspberries.....	.10
2—2-year-old Plants Fay's Currants.....	.30
2—2-year-old Downing Gooseberries.....	.50
2—18 to 30 inch Bridalwreath (Spirea Van Houttei).....	.50
2—18 to 30 inch Hydrangea P. G.....	.50
2—18 to 30 inch Deutzia Dbl. Pink (Lemonell).....	.50
3—4 to 5 ft. Duchess of Oldenburg Apple.....	1.02
	\$4.02
Cat. No. 404B—All for	\$3.00

Nursery Collection No. 3 \$2.00 Saved

Look here. The greatest offer ever made. When you order this \$5 collection you get \$7 worth of Galloway-Bowman's high class nursery stock.

You can make use of all this stock, too.

Order at once.

Galloway-Bowman's Offer Here Will Leave a Real \$2 Bill in Your Pocket Because this List Would Cost You at Least \$2 More Anywhere Else

4—2-year-old Concord Grapes.....	\$0.60
1—Strong Plant Eldorado Blackberry.....	.12
2—Strong Plants Cumberland Raspberries.....	.10
2—2-year-old Fay's Currants.....	.30
2—2-year-old Downing Gooseberries.....	.50
3—4 to 5-ft. Dutchess of Oldenburg Apple.....	1.02
2—18 to 30 inch Bridalwreath (Spirea Van Houttei).....	.50
2—18 to 30 inch Hydrangea P. G.....	.50
2—18 to 30 inch Deutzia Dbl. Pink (Lemonell).....	.50
2—4 to 5 ft. Clapp's Favorite Pear.....	.90
2—3 1/2 to 5-ft. Large Montmorency Cherries.....	.80
2—3 to 4-ft. Shropshire Damson Plums.....	.70
2—3 to 4-ft. Elberta Peach.....	.48
	\$7.02
Cat. No. 405B—All for	\$5.00

Nursery Collection No. 4 \$3.00 Saved

You will be nearly \$3 ahead of the game if you order this \$7.50 collection. Order the same things out of the catalogue and it will cost you over \$10. Absolutely the best varieties, too.

Figure our catalogue prices on these, which are themselves lower than you can find in any other catalogue. Then note the great reduction on the same grade of stock and send us your order.

If You Take Advantage of This Offer You Will Save Money

4—2-year-old Concord Grapes.....	\$0.60
1—Strong Plant Eldorado Blackberry.....	.12
2—Strong Plants Cumberland Raspberries.....	.10
2—2-year-old Fay's Currants.....	.30
2—2-year-old Downing Gooseberries.....	.50
3—4 to 5 ft. Duchess of Oldenburg Apple.....	1.02
2—18 to 30 inch Bridalwreath (Spirea Van Houttei).....	.50
2—18 to 30 inch Hydrangea P. G.....	.50
2—18 to 30 inch Deutzia Dbl. Pink (Lemonell).....	.50
2—4 to 5 ft. Clapp's Favorite Pear.....	.90
2—3 1/2 to 5 ft. Large Montmorency Cherries.....	.80
2—3 to 4 ft. Shropshire Damson Plums.....	.70
2—3 to 4 ft. Elberta Peach.....	.48
1—5 to 7 ft. American White Ash.....	.50
1—3 to 4 ft. Horse Chestnut.....	.75
1—6 to 8 ft. Norway Maple.....	1.00
2—Honeysuckle Vines.....	.60
2—Clematis Paniculata Vines.....	.60
	\$10.47
Cat. No. 406B—All for	\$7.50

Nursery Collection No. 5 \$4.00 Saved

You will be \$4 ahead if you get this Special \$10 bargain offer. Every farmer in America can make use of this stock which would cost him \$14 anywhere else for the same class of goods.

Absolutely nothing but the best kinds and sizes offered and a selection everybody can make good use of.

Read them over yourself.

Notice the varieties.

Figure it up and then order.

Do it now.

Money Saved is Money Earned. Galloway Bros.-Bowman Company will Save You \$4 on this Great \$10 Collection

4—2-year-old Concord Grapes.....	\$0.60
1—Strong plant Eldorado Blackberry.....	.12
2—Strong plants Cumberland Raspberries.....	.10
2—2-year-old Fay's Currants.....	.30
2—2-year-old Downing Gooseberries.....	.50
3—4 to 5 feet Dutchess of Oldenburg Apples.....	1.02
2—18 to 30 inch Bridal wreath (Spirea Van Houttei).....	.50
2—18 to 30 inch Hydrangea P. G.....	.50
2—18 to 30 inch Deutzia Dbl. Pink (Lemonell).....	.50
2—4 to 5 ft. Clapp's Favorite Pear.....	.90
2—3 1/2 to 5 ft. Large Montmorency Cherries.....	.80
2—3 to 4 ft. Shropshire Damson Plums.....	.70
2—3 to 4 ft. Elberta Peach.....	.48
1—5 to 7 ft. American White Ash—3-4.....	.50
1—3 to 4 ft. Horse Chestnut.....	.75
1—6 to 8 ft. Norway Maple.....	1.00
2—Honeysuckle Vines.....	.60
2—Clematis Paniculata Vines.....	.60
2—2-year field grown Frau Karl Druiathi Roses.....	.60
2—2-year field grown Crimson Rambler Climbing Roses.....	.50
100—18 to 24 inch Catalpa Seedlings.....	2.75
	\$14.32
Cat. No. 407B—All for	\$10.00

Coupon Checks cannot be used for these collections.



Pure Genuine and Unadulterated Seeds that Grow



GENERAL INFORMATION

Order Blank In making up your order, please use loose order blank you will find between these pages. This will facilitate the handling of your order here.

Order Early To get the very best service, orders should come in early, as we naturally must give our first orders the first attention. The best possible service is given all orders.

How We Ship Orders can be shipped by mail, express or freight, according to bulk. We will ship as per your instructions on order blank, or if left to us we will ship the most practical, reasonable way. There is a special 20% discount given by all express companies which we will secure for our customers.

Terms Our terms are cash with order. Prices include packing but not shipping charges. Mail orders sent postpaid.

When We Ship We will ship at any time you state, but if date is left to us will be shipped at the best time for planting in your locality.

Guarantee We guarantee to ship you the variety you ask for, and we guarantee it to reach you in good condition. Any shortage should be reported to us at once. We absolutely agree to furnish nothing but the very best of their kinds and no second or third grade stock. Also, your order will be shipped to you from Ohio, and a certificate will accompany each order, showing that all our stock is free from disease of all kinds and have passed the inspection of the horticulturists of that state.

Kind of Stock We Sell Our stock is all transplanted, hardy and thrifty, and the same class of stock usually catalogued at much higher prices. They are just the size that will thrive best after planting, and while we could offer you larger stock at a higher price, we know that our size will do better for you than this extra large kind, which always dies back a great deal more than the medium sized plants. We are certain that we will please you, if you send in your order for our quality stock.

LOOK HERE Read This Honest Statement

The admission of one of the most extensive growers of nursery stock in America. Also substantiated by the United States agricultural reports.

The variety end of the nursery business has been overworked. The real good, new varieties of roses, trees, or shrubs that are coming in, are a scarce article. Take for instance, in the fruit tree line, new varieties of apples are constantly being advertised, but from the agricultural reports we hear that there are at present 500 varieties of

apples on the market and 18 varieties will cover the entire range. It's a fact.

The apple tree is not the only thing. Every department of the nursery business is the same today.

Out of the thousand and some varieties of roses, don't you believe that there are some that bear such a close resemblance that an expert's eye and a magnifying glass could not tell the difference?

Here's What We Do We have chosen the cream of the lot. Our aim is not to confuse you with a long list of varieties but we advertise only the best at the right price.

If you are in need of anything which we have not listed, send in your order anyhow. Very likely we can fill it with the surplus varieties we have on hand. But you absolutely cannot miss getting something good by choosing anything in the following lists.

Read Our Idea of Selling Nursery Stock

Did you ever stop to think what you pay for when you buy from a tree agent? Here's a plain statement of facts that may open your eyes. Every time you make such a buy you are paying an agent's expenses. Every time that man spends one-half day with you his salary or commission is added to the cost of the goods you buy.

Our catalogue is our salesman. It is always with you. It is clear and logical. It tells about our goods better than a salesman could and costs us 1-50th as much. But we do not save this difference for ourselves. We divide it with you. As with our seed line we believe in selecting the best varieties, prices are low, stock hardy and fresh; handling those only, and we will send you what we advertise, or refund your money, and pay freight both ways. We absolutely employ no agents. An agent's proposition to you is verbal, while ours is down in black and white and the laws of the U. S. compel us to live up to them. It would be well for you to consider these facts when placing your order for the spring.



Note the Strong Root Growth of
Our Shrubs

FREE

With each order we will send you a special pamphlet or book, which we have gotten up, for the special purpose of giving you instructions how to plant anything you may order and how to take care of them properly after they have started to grow. This guide will be a great help to you, and is for the benefit of our customers, in helping them to grow successfully our high class Nursery Stock.



Galloway Bros. & Bowman Co. Waterloo, Iowa, U.S.A.



Shrubs

Abbreviations—(Important)

I, II, III shows height these plants will grow. (I indicates height from 1 to 3 feet.) (II indicates height 3 to 6 feet.) (III indicates height 6 to 12 feet.) Month indicates the time they bloom.

Our Free Booklet Goes with Each Order and Tells You How to Grow and Care for Shrubs.

PLANT SOME SHRUB THIS YEAR AND EVERY YEAR

That's my motto. No matter where your place is located, no matter how large or how small, everybody should plant some shrubs, trees and perennials every year.

A very noted man once said if he knew he was going to die tomorrow he would plant a tree today.

There is nothing that you can do that would do yourself more good in the years to come, your children, friends and neighbors, than to continue to plant shrubs and trees every year. It's an education. It's an indication of refinement and culture.

As the years go by you will see the changes in the shrubs and trees and get better acquainted with them just the same as you would a friend.

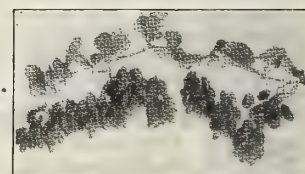
Of course you understand that to get the right effects with shrubbery a great deal depends on the way they are placed and planted. If you don't understand this, please read over carefully the instructions in our landscaping department. Send us a rough draft of your grounds and we will be very glad to assist you by furnishing a plan free of charge, as per the conditions on page 99.



A Planting of Bridalwreath Around the Foundation of Your House Will Improve Its Appearance Greatly Also Enhance Its Value

BARBERRY JAPANESE (*Berberis Thunbergii*) (I May)—A well known dwarf shrub, dense spreading habit. Small dark green leaves which turn a deep red in autumn. Suitable for hedges.

Cat. No. 410B—12 to 18 in., 19c each.



A Spray of Barberry

BARBERRY COMMON (*Berberis Vulgaris*) (II May)—Of erect growth with thorny stems. Flowers yellow, followed by purplish red berries in the late summer. Very ornamental.

Cat. No. 411B—18 to 30 in., 21c each.

BARBERRY PURPLE (*Berberis Purpurea*) (II May)—Has the same habits of the common Barberry; leaves are a light purple, which makes it valuable in landscapes.

Cat. No. 412B—18 to 30 in., 22c each.

BRIDALWREATH (*Spiraea Van Houtteii*) (II May)—The most popular shrub in America. The masses of white flowers cause the stems to droop very gracefully. Very hardy and a general favorite. See cut on this page.

Cat. No. 413B—18 to 30 in., 25c each.

CORAL BERRY (*Symphoricarpus Vulgaris*) (I June)—Dwarf shrub, will grow well in shady places. Very graceful habit and covered with small red berries in the fall and winter.

Cat. No. 414B—18 to 30 in., 18c each.

DENTZIA, DOUBLE PINK (*Dentzia Lemoneii*) (II May)—Very robust grower, with large panicles of bloom. Flowers pink. Fine plant. See cut on this page.

Cat. No. 415B—18 to 30 in., 25c each.

DENTZIA DWARF (*Dentzia Gracilis*) (I May)—An old-fashioned dwarf shrub. Blooms in shady places as well as sunny places. Very attractive. Flowers pure white.

Cat. No. 416B—18 to 30 in., 20c each.



Dentzias are Great Flowering Shrubs and Should be Used About Every Home. They're Simply Beautiful



Common Hydrangea—The Best Fall Flowering Shrub

HYDRANGEA COMMON (II Sept.) (*Hydrangea Paniculata Grandiflora*)—One of the best shrubs, immense white flowers, which turn to pink and brown in the late fall. Very hardy, admired by everyone and can be used for hedges. Don't fail to get this. See cut above.

Cat. No. 417B—18 to 30 in., 25c each.

HERCULES CLUB (*Aralia Spinosa*) (III Aug.)—Stout, thorny branches, leaves 1 to 3 feet long. Odd, but very ornamental. Tremendous clusters of white flowers.

Cat. No. 418B—15 to 30 in., 40c each.

KERRIA VARIEGATED (1 May)—(*Kerria Japonica Variegata*)—A beautiful dwarf shrub, with beautiful leaves of a dark green color, edged with white. A very striking variety.

Cat. No. 419B—18 to 24 in., 20c each.

KERRIA COMMON (*Kerria Japonica*) (II May)—A very showy shrub, covered with yellow bell shaped flowers in May. Noted for the bright green bark in winter.

Cat. No. 420B—18 to 30 in., 20c each.

LILAC COMMON (*Syringa Vulgaris*) (II June)—Lavender flowers, very fragrant. Branches slender, narrow leaves. One of the best.

Cat. No. 421B—18 to 30 in., 20c each.

LILAC, WHITE (*Syringa Vulgaris Alba*)—A shrub with habits similar to the above flowers; white. See cut on page 90.

Cat. No. 422B—18 to 30 in., 24c each.

MOCK ORANGE (*Philadelphus Grandiflora*) (III June)—A very popular tall shrub. Single white flowers. Good for screening bad views. Used for landscape effects. See cut on Cat. No. 423B—18 to 30 in., 22c each.

DOGWOOD RED (*Cornus Sibirica*) (II May)—Tall shrub, covered with white flowers in May. In winter the naked bright red branches are very conspicuous. Fine for landscape work.

Cat. No. 424B—15 to 30 in., 20c each.

GOLDEN BELL (*Forsythia Fortunei*) (II Apr.)—One of the earliest blooming varieties. Flowers yellow on long stems. Bark a dark green. A shrub of very graceful growth.

Cat. No. 425B—15 to 30 in., 19c each.

GOLDEN ELDER (*Sambucus Aurea*) (III June)—Has bright foliage of a clear golden yellow. For color all the year round buy a few of these plants.

Cat. No. 426B—18 to 30 in., 21c each.

HYDRANGEA ARBORESCENS (II Sept.)—A new variety of Hydrangea, blooms two weeks earlier than the common one, flowers large and flat, color pure white.

Cat. No. 427B—18 to 30 in., 28c each.

HONEYSUCKLE BUSH (*Lonicera Tartarica*) (III June)—Tall shrub with creamy flowers, very fragrant. Hardy and a general favorite.

Cat. No. 428B—15 to 30 in., 20c each.

HIGH BUSH CRANBERRY (*Viburnum Opulis*) (III May)—A variety of snowball; well known decorative shrub. Has large masses of snow white flowers, grows 10 feet and can be used for screens.

Cat. No. 429B—18 to 30 in., 20c each.



A Hedge of Bridal Wreath



Snowball—An Old-Time Favorite

SNOWBALL COMMON (*Viburnum Sterilis*) (II May)—The well known common variety. Flowers round and white, followed by red berries in the fall. See cut above. Be sure and get one of these.

Cat. No. 430B—18 to 30 in., 23c each.

SMOKE TREE (*Rhus Cotinus*) (III July)—A much admired tall shrub, because of its purplish, misty looking flowers. In fall the leaves change to red, brown and yellow. Indispensable for landscape work. Cat. No. 431B—18 to 30 in., 18c each.

PEARL BUSH (*Exhardia Grandiflora*) (II May)—One of the finest shrubs of its season. Its sprays of pure white flowers give a very rich appearance. Very fine.

Cat. No. 432B—18 to 30 in., 18c each.

PRIVET COMMON (*Ligustrum Ibota*) (I July)—Familiar plant of old-fashioned gardens, grayish green leaves, flowers white, followed by black berries, low growing and graceful. Hardy and can be used for hedges.

Cat. No. 433B—18 to 30 in., 19c each.

SPIREA THUMBERGII (I Apr.)—Dwarf, narrow leaves variety, flowers white, leaves turn a copper tint in autumn. Very good.

Cat. No. 434B—12 to 18 in., 20c each.

SPIREA VAN HOUTTEI (See Bridalwreath on page 88)

SPIREA ANTHONY WATERER (*Spiraea Bumalda* Var.) (I May)—The very best of the dwarf spireas. Blooms nearly all summer, flowers bright crimson. Good for edging to border beds.

Cat. No. 435B—18 to 30 in., 21c each.

SPIREA BILLARDII (II May)—A fine variety of the Spirea family. Flowers borne in long clusters.

Cat. No. 436B—18 to 30 in., 23c each.

SPIREA REEVESII (II May)—Clusters of pure white flowers. A medium grower and very popular.

Cat. No. 437B—18 to 30 in., 22c each.

SWEET SCENTED SHRUB (*Calycanthus Floridus*) (III Apr.)—A tall old-fashioned flower and should be included in your garden. Broad leaves and gets its name from the fragrance of its small dark red flowers.

Cat. No. 438B—18 to 30 in., 20c each.



A Spray of Lilac



Lilac—Always Popular. For prices see page 89

LOOK HERE—READ IT

Where do you draw the line between things that are useful and things that are ornamental?

On a matter of fact home or farm there is no money to waste for frills, but people do not realize that the reason they do a good day's work is because they had a good sleep the night before.

Or if you sell a property at increased value, the growing up of the trees and shrubs attracted the buyer, sooner than the rapid growth of town or country.

When the boys decide to stay on the farm, people do not realize that the decision is based on homestead pride because of neat homes, beautiful lawns and familiar trees.

With plenty of the right kinds of trees and plants, planted in the right places, home becomes the neatest place you know of and you ask for nothing better than to stay there always.

After all, all civilized life centers to the home. Why not purchase a few of these hardy shrubs, and plant them this spring? Our Landscape Department is at your service free of charge to show you how to best arrange your grounds to give the best effects at the most reasonable cost. See page 99.



Pure Genuine and Unadulterated Seeds that Grow



Mock Orange—Be Sure and Order One of These. See Page 89

SILVER THORN (*Eleagnus Longipus*) (II May)—Silvery leaves, profusion of scarlet berries in July. Its color makes it invaluable in landscapes. Is coming into great popularity.

Cat. No. 439B—15 to 30 in., 22c each.

TAMARISK (*Tamarix Indica*) (II Aug.)—Fine feathery foliage, flowers large and pink; will give universal satisfaction.

Cat. No. 440B—18 to 30 in., 22c each.



Let Our Landscape Department Show You How to Beautify Your Home. See Page 99

WEIGELIA ROSEA (*Diervilla*) (III June)—The best of its family. Vigorous and tall growing; profuse bloomer. Flowers deep pink. Continues blooming all season.

Cat. No. 441B—18 to 30 in., 23c each.

WEIGELIA EVA RATHKA (*Dier-villa*) (II June)—The best blooming red variety. Blooms nearly all summer. Do not fail to order one of these.

Cat. No. 442B—18 to 30 in., 25c each.

WAYFARING TREE (*Viburnum Lantana*) (III June)—Grows 10 to 15 feet high. White flower, clusters, followed by red fruit. Desirable for dry places and limestone soils.

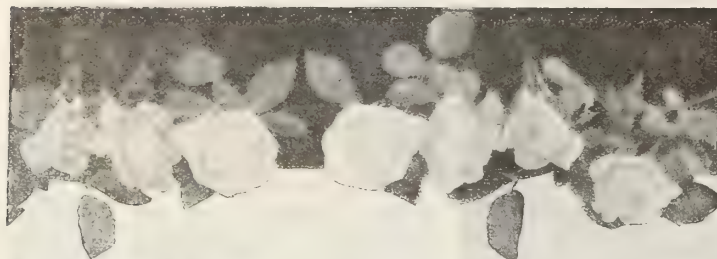
Cat. No. 443B—15 to 30 in., 20c each.

WHITE SNOWBERRY (*Symphoricarpus Alba*) (II July)—Their showy, pure white berries make these small shrubs popular for planting in masses. Ten of these on your grounds will help wonderfully to brighten up the dreary days of late fall.

Cat. No. 444B—18 to 30 in., 18c each.



Dwarf Dentzia—Fine for Cemetery Work. See Landscape Department on Page 100



ROSES

Roses have been justly styled the queen of flowers, and are a constant source of delight to all who grow them. The beauty of the rose is so highly appreciated that the demand for them is constantly increasing.

Because of the vast increase in varieties from year to year, it is necessary that careful selection be made as to varieties that are hardy.

We offer but few varieties, but these are the cream of all, the best and most superior of their class.

If you are not sure of the kinds you want let us help you select them. Our knowledge of roses is at your disposal and we offer complete information on the subject of successful rose culture in our special booklet, which goes free with every order. Remember we offer only hardy roses, the kind that will grow anywhere and give you a profusion of flowers and perfect satisfaction. You could go through six rose catalogs and in the confusion of hundreds of kinds could not find a better choice and selection than this.

Hybrid Perpetuals

The Hardest and Best Varieties

FRAU KARL DRUSCHKI—Flowers, beautiful, pure silvery white. The best white Hybrid Perpetual yet introduced.

Cat. No. 446B—2 yr. old field grown, 30c each.

GENERAL JACK—Brilliant crimson. The handsomest and most showy rose of this color. Semi-double when in full bloom. A universal favorite.

Cat. No. 447B—2 yr. old field grown, 28c each.

MAGNA CHARTA—Bright deep pink, fine form, very large, strong grower and a free bloomer. Very hardy.

Cat. 448B—2 yr. old plants, 30c each.



General Jack

MRS. JOHN LAING—One of the finest roses of its class. Color a soft delicate pink with a satin edge, very fragrant.

Cat. No. 449B—2 yr. old field grown, 28c each.

PAUL NEYRON—The largest variety in cultivation, very double. Color deep rose; blooms the entire season.

Cat. No. 450B—2 yr. old field grown, 30c each.

Baby Rambler Rose

The new dwarf crimson Baby Rambler. The sensation of America the last two years. Blooms every day indoors and all summer out of doors. Cat. No. 451B—2 yr. stock, 50c each.

Climbing Roses

A very desirable class, are of vigorous growth and suitable for arbors, verandas, etc.

CRIMSON RAMBLER—The famous crimson climber grows 10 feet in one season, productive from ground to tip.

Cat. No. 452B—2 yr. old field grown, 25c each.

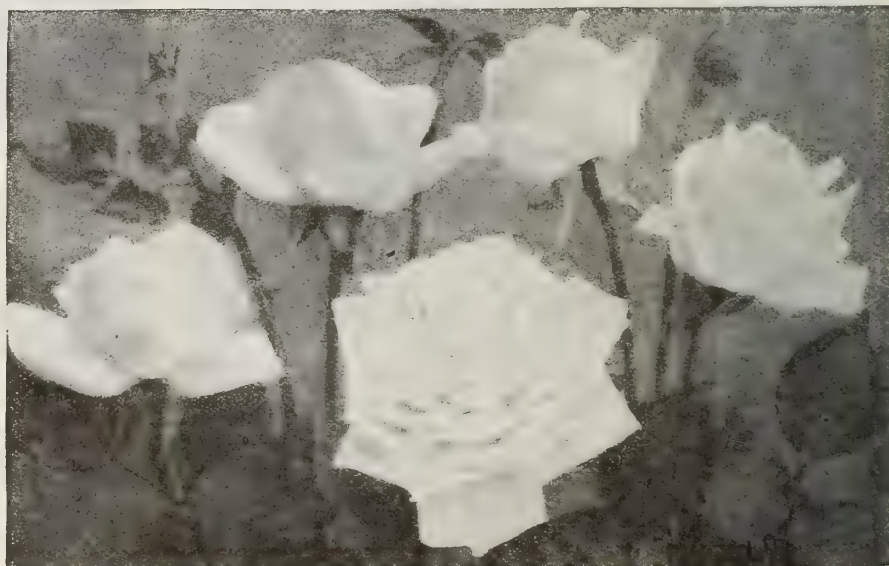
DOROTHY PERKINS—A universal favorite—clear shell pink flowers borne in clusters with crinkled petals.

Cat. No. 453B—2 yr. old field grown, 23c each.

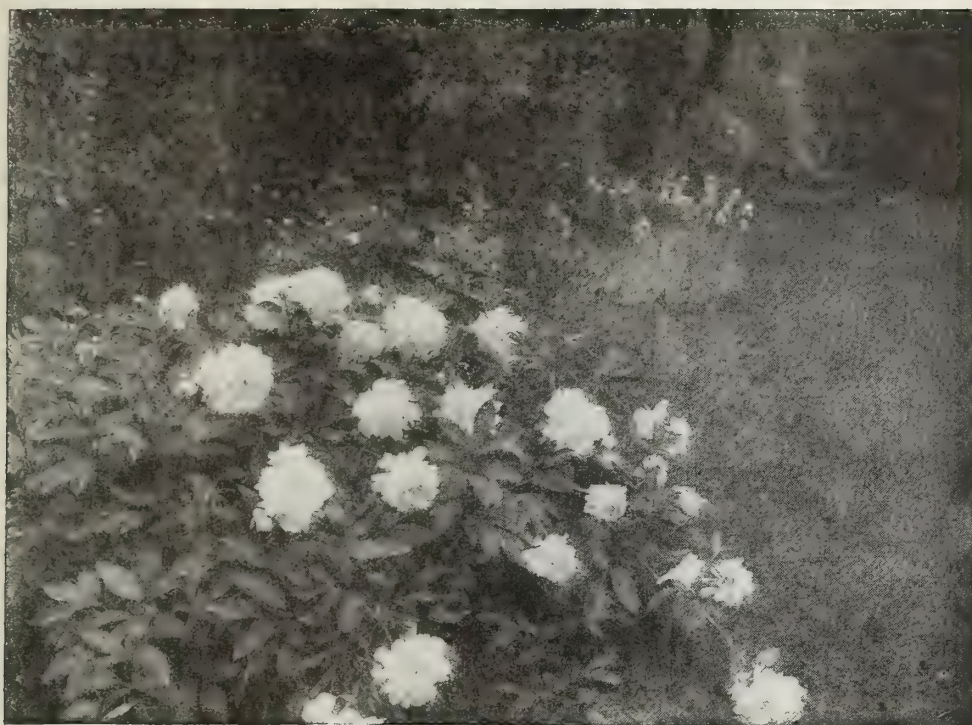
WHITE RAMBLER—Flowers the size of a silver quarter, perfectly filled, very fragrant, color white, sometimes tinged with blush; vigorous and hardy.

Cat. No. 454B—2 yr. old plants, 35c each.

Our special free booklet will tell you how to grow and take care of Roses.



Frau Karl Druschki



A Bed of Peonies

A Hardy Garden is a Joy Forever

We mean it. The pleasure of perennials knows no end. Spring is ushered in by those radiant flowers, and who is it that does not know and admire the Peony. All through the long summer these pictures of living beauty change and even the late autumn brings the phloxes and chrysanthemums which keep one in pleasurable anticipation for next year, for next year the hardy garden will come back richer, more interesting than ever, like charming friends. These varieties are all good and you cannot miss getting a fine plant in buying any of the following list.

HAVE OUR LANDSCAPE DEPARTMENT PLAN YOUR HARDY GARDEN

BLEEDING HEART (*Dicentra Spectabilis*)—Well known old plant. Does well everywhere. Cat. No. 455B—Field grown clumps, 23c each, or 5 for \$1.00.

DELPHINIUM FORMOSUM—Fine medium height perennial, dark blue flowers on long stems, fine for cutting.

Cat. No. 456B—Field grown clumps, 20c each, or ½ doz., \$1.00.

SHASTA DAISY (*Chrysanthemum Leucanthemum*)—Flowers of the purest white, often 4 inches in diameter. Perfectly hardy. Blooms from June to September.

Cat. No. 457B—Field grown clumps, 20c each, or ½ doz., \$1.00.

HARDY SWEET WILLIAM (*Dianthus Barbatus*)—A fine old plant, producing flowers in large clusters. Fine for cutting.

Cat. No. 702B—Field grown clumps, 20c each, or ½ doz., \$1.00.

MALLOWS (*Hibiscus*)—A very showy and satisfactory plant. Thrive in any garden soil. Tall, large flowers, blooms in July.

Cat. No. 458B—Field grown, 15c each, or 1 doz., \$1.00.



Hardy Phlox

HARDY GRASSES (*Eulalia*)—Fine for ornamental purposes. Can be used for hedges or screens. Grows 6 feet tall. Cat. No. 459B—Field grown clumps, 25c each, or 5 for \$1.00.

HOLLYHOCKS, DOUBLE—These old favorites require no explanation. Indispensable in every garden. Various colors. Cat. No. 460B—Large field grown roots, 15c each, or 1 doz. for \$1.00.

PEONIES—The most beautiful of all perennial plants. Should be in every garden. We have a large stock of the best double in pink, red and white.

Cat. No. 461B—30c each, or three, 1 of each color, 75c (Postpaid).

PHLOX—Most effective of all hardy plants during the summer and autumn. Our stock is the best small white, pink and red varieties.

Cat. No. 462B—25c each, or three, 1 of each color, 60c (Postpaid).

Hardy Perennial Plants

Hardy perennials are the kind of flowers to plant. They are as easy to grow as weeds when you once get them started, will dominate the ground on which they grow by shading it over, and they keep getting better and better every year.

You can pick out a couple of dozen hardy perennials, plant them, and in a couple or three years you will have three times as many of each kind. Simply divide the roots and transplant in the fall or spring of the year.

The planting of perennials affords the grandest display of bloom from early spring until after frost comes in the fall, and gives you a supply of flowers that can be cut at any time for table use or for the house. They look well anywhere and are especially suitable for border planting either by themselves or in front of shrubbery. They are very attractive when planted along garden walks, walls, fences or rockeries, and a hundred and one other places.

Why not convert your back yard into a veritable garden with these easy growing, inexpensive, permanent, hardy perennial plants? They are as easy to grow as weeds and are a great source of pleasure and satisfaction.

Notice our prices. They are much lower than the average for the quality of goods we put out. Why not buy direct from us rather than through agents, salesmen or dealers? Get the plants fresh from the nursery direct to you correctly packed with instructions how to plant.



Our Double White Peony



Ornamental Trees

This department includes those trees which drop their leaves in winter. There is nothing that will grow with so little care and yield such returns of pleasure or satisfaction as will this class of trees. All of our trees have been grown with care to make them stocky, well headed and supplied with fibrous roots. You cannot fail to get something good by choosing any one of the selection we offer. Absolutely nothing but the best kinds and varieties offered. All transplanted stock and shipped direct to you from the nurseries, so as to insure their growth.

Have our Landscape Department arrange the trees about your home. Make your grounds different than the grounds you see every day by taking advantage of our free offer on Page 87, which will show you how.



Horse Chestnut



A Spray of White Birch



Sprig of Maple

ASH (*Fraxinus*)—Quick growing, make handsome symmetrical specimens, good for lawn planting. Leaves turn a brilliant yellow in fall. **Cat. No. 463B**—5 to 7 ft., 50c each; per doz., \$5.50.
BIRCH WHITE (*Betula Alba*)—A quick growing tree that, after a few years, develops the beautiful white bark so familiar in landscapes. **Cat. No. 464B**—6 to 8 ft., 75c each; per doz., \$8.50.
BIRCH, WEeping CUT-LEAVED (*Betula Lacinata Pendula*)—Tree acquires graceful drooping habit at a very early age. Leaves are deeply cut. A very popular tree. **Cat. No. 465B**—6 to 8 ft., \$1.50 each; per doz., \$16.50.
CATALPAS, WESTERN (*Catalpa Speciosa*)—Ornamental especially in June when laden with a profusion of white flowers; good for lawn or street planting. **Cat. No. 466B**—6 to 8 ft., 55c each; per doz., \$6.00.
ELM, AMERICAN (*Ulmus Americana*)—A familiar tree, grows well in any section. Grows fast and its gracefulness makes it invaluable for landscape work. **Cat. No. 467**—8 to 10 ft., 55c each; per doz., \$6.00.
HORSE CHESTNUT (*Aesculus Hippocastanum*)—Good for ornament and shade. Blooms freely in May. Striking deep green foliage.

Cat. No. 468B—3 to 4 ft., 75c each.

MAPLE NORWAY (*Acer Platanoides*)—One of the best hard maples. Strong and vigorous, forming a round head. Good for shade.

Cat. No. 469B—6 to 8 ft., \$1.00 each; per doz., \$11.00.

MAPLE SILVER (*Acer Dasycarpum*)—A most reliable grower in all sections. Matures very rapidly. The silver under surface of the leaves is very beautiful.

Cat. No. 470B—6 to 8 ft., 55c each; per doz., \$6.00.

OAK SCARLET (*Quercus Coccinea*)—Unsurpassed for lawn. Tree has a characteristic habit of growth. Leaves striking, turning to an orange scarlet in the fall.

Cat. No. 471B—3 to 4 ft., 75c each; per doz., \$8.50.

POPLAR LOMBARDY (*Populus Fastigiata*)—A tall tree, good because of its columnar habit of growth which makes it contrast with the usual spreading tree. Valuable for landscape work.

Cat. No. 471B—8 to 10 ft., 50c each; per doz., \$5.50.

TULIP TREE (*Liriodendron Tulipifera*)—Belongs to the family of poplars. It flowers freely in June. A good tree any place.

Cat. No. 472B—4 to 5 ft., 45c each; per doz., \$5.00.

WILLOW, WEeping (*Salix Babylonica*)—This is the well known tree whose long pendulous branches droop gracefully. An admirable lawn tree. Grows well in all locations. For landscape work it is unexcelled.

Cat. No. 473B—8 to 10 ft., \$1.00 each; per doz., \$11.00.



Norway Maple

Our Free Booklet, telling you how to grow and care for trees, goes with each order.



Grow Them Straight and Clean

If you are undecided as to the variety of ground we will take pleasure in advising you by mail of the best tree to suit your soil and climate and the best manner of growing them.

The following lists are varieties, both deciduous and evergreen, we recommend. Select the ones you think will suit you best or leave the selection to us. Take up this matter with us in full detail if you are interested. Planting trees for timber will soon be recognized as a standard industry.

CATALPA SPECIOSA—Rapid growing tree of high timber value. Grows 1 inch in thickness each year. More durable than many of the hard woods. Profits have been realized as early as 5 years after planting.

Cat. No. 475B—18 to 24 in., \$1.50 per 50; \$2.75 per 100; \$14 per 1,000.

LOCUST—One of the hardest and most durable of woods.

Cat. No. 476B—18 to 24 in., \$2.75 per 100; \$14 per 1,000.

BLACK WALNUT — The highest priced wood you can grow. Reaches marketable size in 10 or 15 years.

Cat. No. 477B—12 to 18 in., \$5 per 100; \$28 per 1,000.

MULBERRY — An ever-increasing popular choice. Well known.

Cat. No. 478B—12 to 18 in., \$3 per 100; \$15 per 1,000.

JACK PINE — Remarkably fast growing. Hardy even in Alberta. Valuable for planting among timber trees.

Cat. No. 479B—1 to 2 ft., 20c each; \$18 per 100.

AUSTRIAN PINE — Perfectly hardy and thrives in high bleak hills or most any locality. Fast growing. Fine for planting among your timber belt or wind break. Cat. No. 480B—1 to 2 ft., 20c each; \$18 per 100.

Full information how to grow and care for trees with each order.

Get your order in early. There is a big demand for the kind of trees we sell.

Timber and Commercial Trees

Owing to a widespread increase in demand for valuable native forest trees, land owners all over the country are beginning to realize that the establishment of wood lot and timber belts is just as important as the raising of staple crops. Many plantations put out 6 and 8 years ago are already a source of big revenue to the owners and getting more valuable each year.

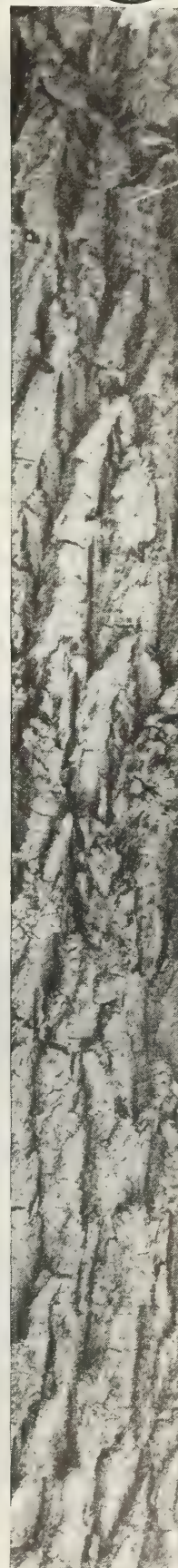
The idea is to get them close enough to make the tree grow tall and straight. You want clean lumber and to get it your trees must be free from all large trunk limbs and nearly as large at the top as at the bottom.

By the old methods it took 80 or 100 years to grow a tree 1 foot thick. This can be done by new and later methods in less than 30 years. A 15-year-old oak or pine will easily make good clear timber 6 inches square and 20 feet long. This makes 60 feet of lumber worth \$40 per 1,000 feet, or \$2.40 in this tree; 1,200 of these trees will grow on an acre, making the timber product of that acre in 15 years worth \$2,880, or \$192 per year, without any labor after the first few years.

of trees to plant on your particular piece



When Planted Alone They Do Not Make the Lumber





Hardy Vines and Creepers

The need of vines for home improvement is well known and nothing adds more to the beauty of a home than appropriate vines. A porch without a vine is desolate and incomplete. Valuable for turning unsightly fences and buildings into things of beauty. A few of the best.

CLEMATIS JACKMANI—The most popular variety of clematis. Large, velvety and dark purple flower.

Cat. No. 481B—2 yr. plants, 55c each.

CLEMATIS PANICULATA—A Japanese variety. Panicles of small, pure white flowers. Blooms in late summer. Very desirable.

Cat. No. 482B—3 yr. plants, 30c each.

KUDZU VINE (*Pueraria Thunbergiana*)—The most rapid growing vine. Very useful for covering trees, etc. Large handsome leaves and a very showy plant. Cat. No. 483B—2 yr. old plants, 30c each.



HALL'S JAPAN EVERGREEN HONEYSUCKLE—Most popular and valuable of all. Blooms all summer. Flowers very fragrant. Well known.

Cat. No. 484B—2 yr. old plants, 30c each.

BOSTON IVY (*Ampelopsis Veitchii*)—The most popular vine for covering buildings and walls; grows everywhere. Handsome, hardy and a rapid grower.

Cat. No. 485B—2 yr. old field grown, 35c each.

WISTERIA CHINENSIS—Vigorous tall growing. Flowers in long racemes. Very effective. Violet flowers.

Cat. No. 486B—3 yr. old, 40c each.



Clematis Jackmani



Boston Ivy

Hedge Plants

In later years the hedge idea has become very popular in the United States, and for good hardy hedges about the grounds we consider the following varieties the very best.

BARBERRY (*Berberis Thunbergii*)—Very graceful, dwarf, foliage turns to red in autumn. Thorny.

Cat. No. 487B—12 to 15 in., 18c each. \$15 per 100.

ARBOR VITAE (Evergreen)—Can be grown to any height. Can also be used as windbreak.

Cat. No. 488B—2 to 3 ft., 45c each. \$37 per 100.

BRIDALWREATH (*Spiraea Van Houttei*)—See cut on page—One of the best.

Cat. No. 489B—1 to 2 ft., 20c each. \$16 per 100.

Our Free Booklet which tells you how to grow all kinds of plants free with every order.



Read this About Fruit Trees

Some people list two or three hundred different varieties of fruit trees. The varieties we have selected are the best out of the two or three hundred. They are the varieties recommended by the Experimental Stations of the different states. They are not new kinds, but are varieties that are tried and tested out—old standard varieties that have been annual croppers, well tested, and proven to be hardy and good producers.

This stock is grown in a location where the land is especially adapted to the growing of trees of different kinds. The location is known the world over for high quality trees.

Remember all propositions we make you in our catalog are down in black and white. There is no chance for any misunderstanding, which usually arises in deals through salesmen or agents, who make a great many promises verbally and are not responsible for promises and cannot be held for them, even if they were responsible.

There is a small instruction book or pamphlet furnished with each order telling how to transplant, care for and trim the trees.

Remember our trees are shipped direct to you from the nursery, which insures quick delivery, and also insures the trees arriving in good shape. When you buy from the average salesman or agent the trees are handled

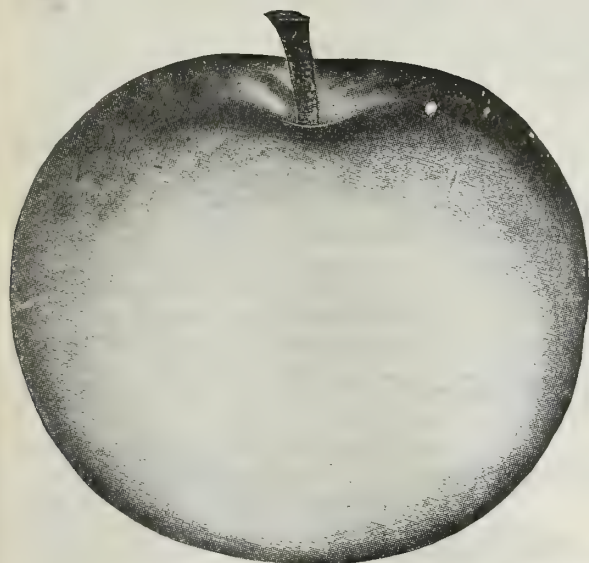
and carted around and in many cases the roots are ruined. You will not make a mistake by trying a good assortment of our fruit trees, because the line that we offer are selected out of the hundreds of different varieties, and are positively and absolutely the best, and as stated above, the kind that is recommended by the Experimental Stations for the best success.

Why not plant a few fruit trees this year and every year? It's a pleasure to plant them. It's a pleasure to watch them grow. It will be a pleasure to your children, and the generations to come. It is also a good thing to plant fruit trees every year because it's an education for your children, a good lesson and example of conservation, economy and thrift.

Look at our prices. Then compare them with the prices you are compelled to pay for trees you don't know anything about, and trees that are not guaranteed to you in black and white by the sellers. In addition to the recommendation from the Experimental Stations our experts have chosen only the cream of the entire list.

Give us a sample order. We will send you something that will please you.

SEE NEXT PAGE FOR VARIETIES



Duchess of Oldenburg Apple

NORTHWESTERN GREENINGS—Fruit pale green, tinted with a little red. Sub-acid and of excellent quality. Cat. No. 490B—4 to 5 ft., 34c each.

WEALTHY—A fine hardy nursery tree. One of the most profitable varieties known. Fruit large, dark crimson. Sub-acid, flesh firm and coarse grained. Cat. No. 491B—4 to 5 ft., 30c each.

BEN DAVIS—Well known. Used extensively for top working other varieties.

Cat. No. 492B—4 to 5 ft., 28c each.

For anyone wanting any of the following well known varieties in first-class stock our prices are:

WOLF RIVER
YELLOW TRANSPARENT
WINESAP
JONATHAN
BANANA
NORTHERN SPY

Cat. No. 493B—
4 to 5 ft., 30c each.

CRABS

HYSLOP—An old and popular crab. Hardy and a good grower; fruit large, with deep crimson color, flesh white, tinged with red.

Cat. No. 494B—4 to 5 ft., 30c each.

TRANSCENDENT—Fruit medium, color brownish yellow with carmine blush. Flesh crisp, fine grained and very juicy. Very hardy.

Cat. No. 495B—4 to 5 ft., 30c each.

PLUMS

BRADSHAW—Large, flesh green, juicy, productive, fine for market.

Cat. No. 496B—3 to 4 ft., 28c each.

SHROPSHIRE DAMSON—Medium, dark purple, very productive, best for preserving.

Cat. No. 497B—3 to 4 ft., 35c each.

Also the following well known varieties:

Cat. No. 498B—Abundance, Burbank, Lombard, Red June, Reine Claude and Wickson, at

3 to 4 ft., 28c each.

Our Special Free Booklet goes with each order and tells you how to grow and care for trees of all kinds.

Order early. Demand heavy for our fruit trees.

A Fact Worth Remembering

The supply of fruit today cannot begin to equal the demand. The bearing trees of the United States have decreased in the last ten years and considering that the demand is increasing each year, it is reasonable to expect that even the large profits, made from orchards in the past, will be eclipsed in the near future.

If you are thinking of planting large orchards write and get our special prices on large quantities.

APPLES

Early Varieties

DUCHESS OF OLDENBURG—A standard apple for hardiness and is succeeding more universally throughout the Northwest than any other variety. Fruit extra size, tart, pale green, striped pink. An immense bearer. Yellow. Transparent. One of the very earliest. Fruit, medium smooth and fine grained, becomes yellow when fully ripe. Splendid quality.

Cat. No. 499B—4 to 5 ft., 34c each.

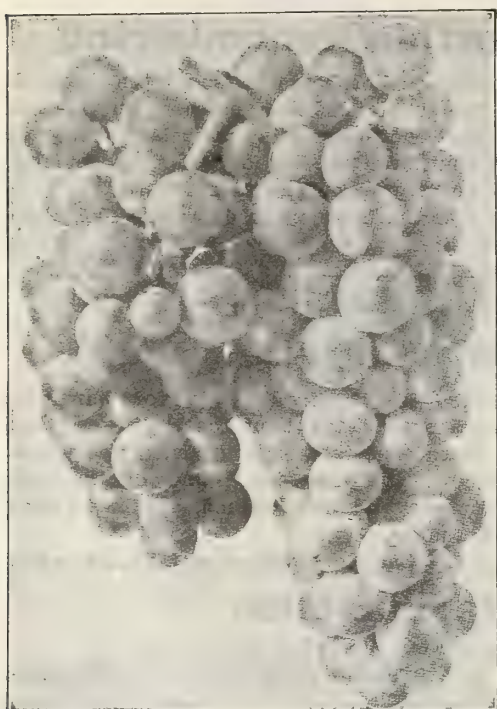
Late Varieties

GANO—An improved Ben Davis. Very fine and hardy.

Cat. No. 500B—4 to 5 ft., 30c each.



Bradshaw Plums



Niagara Grapes

GRAPES

No kind of fruit yields a larger or richer harvest than grapes. Will grow anywhere, occupy an old fence or your best field and pay big returns.

BRIGHTON RED—Bunches and berries large. Fine rich flavor. Cat. No. 501B—2 yr. plants, 15c each.

CONCORD—Black, early, sweet; most popular grape in America. Cat. No. 502B—2 yr. plants, 15c each.

NIAGARA—Finest white grape, leading market; variety best. Cat. No. 503B—2 yr. plants, 15c each.

Also Agawan, Catawba, Delaware, Moore's Early and Worden varieties in 2 yr. plants, 15c each.

GOOSEBERRIES

DOWNING—A well known variety. Gives the best of results everywhere. Cat. No. 504B—2 yr. plants, 25c each.

HOUGHTON—Most productive, best payer of all, excellent quality. Cat. No. 505B—2 yr. plants, 23c each.

CURRANTS

FAYS—Has fully sustained all the claims that have been made for it. Best for market and home use. Cat. No. 506B—2 yr. plants, 15c each.

WHITE (Grape)—Well known white variety, excellent quality. Cat. No. 507B—2 yr. plants, 15c each.

RASPBERRIES

KANSAS BLACK—A very hardy early variety. Bushes very sturdy and a great bearer. Cat. No. 508B—Strong plants, 5c each.

CUMBERLAND—In hardiness and productiveness it is unexcelled. Berries large and one of the best market varieties. Cat. No. 509B—Strong plants, 5c each.

CUTHBERT—Queen of the market. Best variety—flesh rich crimson and very sweet. Strong plants, 5c each.

BLACKBERRIES

ELDORADO—Sweet, melting, rich. A good bearer. One of the best. Cat. No. 510B—Strong plants, 6c each.

PEARS

(Not hardy north of Central Iowa)

Early Varieties

BARTLETT—Large, juicy, high flavored, great bearer, very popular.

Cat. No. 511B—4 to 5 ft., 40c each.

CLAPP'S FAVORITE—Large, yellow and dull red, melting rich, early.

Cat. No. 512B—4 to 5 ft., 45c each.

Late Varieties

KEIFFER—Very prolific bearer, fruit of good quality, fine for market. The best late variety.

Cat. No. 513B—4 to 5 ft., 42c each.

DUCHESS—Very large, extra fine quality. Hardy and a good market tree.

Cat. No. 514B—4 to 5 ft., 40c each.

CHERRIES

LATE DUKE—Large, light red, late. Very fine.

Cat. No. 515B—3½ to 5 ft., 34c each.

MONTMORENCY—Large red, very productive, well known.

Cat. No. 516B—3½ to 5 ft., 40c each.

PEACHES

(Not hardy north of Central Iowa)

CRAWFORD'S EARLY—Magnificent large yellow peach. One of the best.

Cat. No. 517B—3 to 4 ft., 18c each.

ELBERTA—Large yellow, red cheek, flesh yellow, firm, juicy.

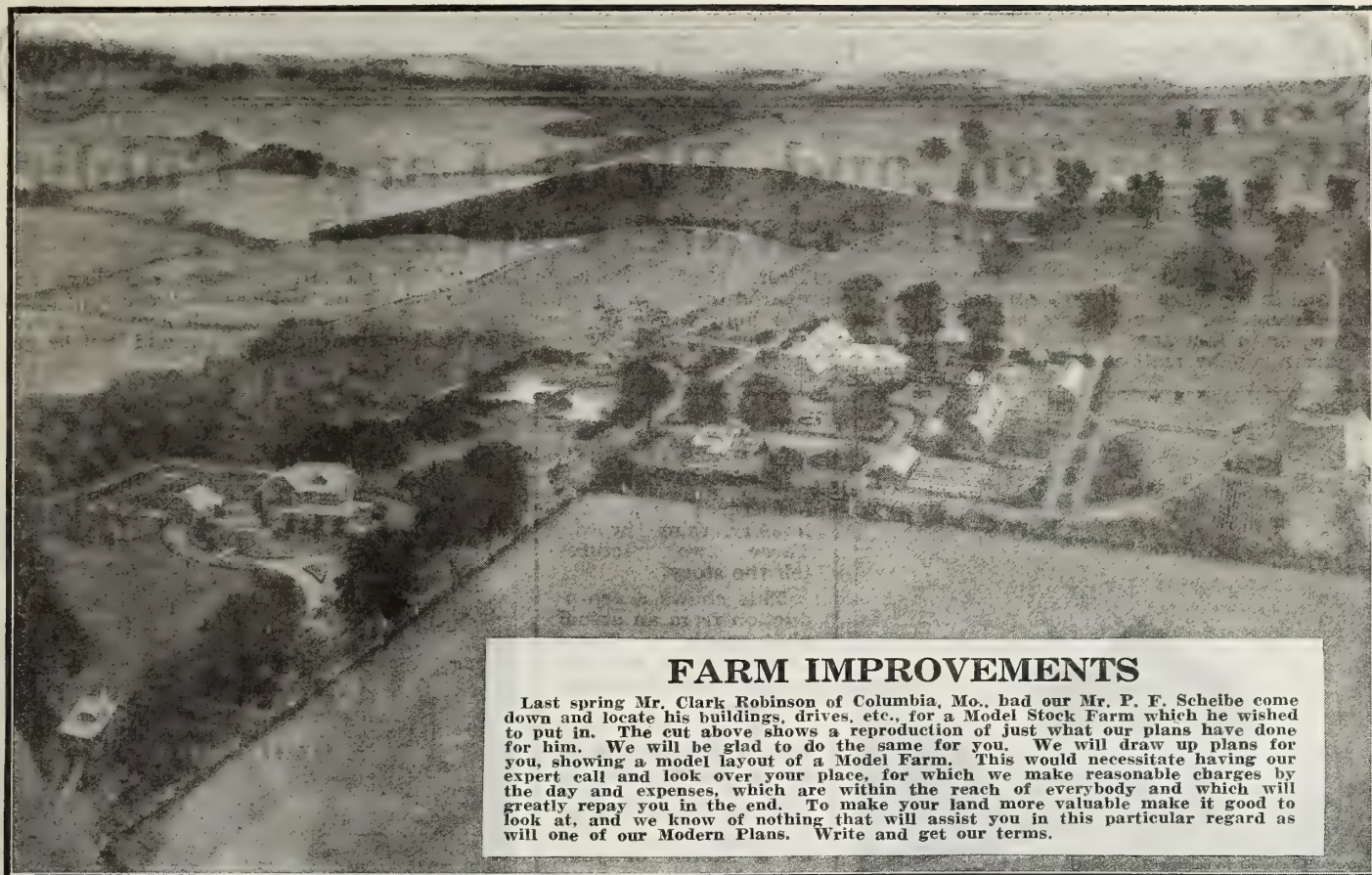
Cat. No. 518B—3 to 4 ft., 24c each.

CROSBY—Freestone, medium size, light yellow flesh.

Cat. No. 519B—3 to 4 ft., 17c each.



Cumberland Raspberry



FARM IMPROVEMENTS

Last spring Mr. Clark Robinson of Columbia, Mo., had our Mr. P. F. Scheibe come down and locate his buildings, drives, etc., for a Model Stock Farm which he wished to put in. The cut above shows a reproduction of just what our plans have done for him. We will be glad to do the same for you. We will draw up plans for you, showing a model layout of a Model Farm. This would necessitate having our expert call and look over your place, for which we make reasonable charges by the day and expenses, which are within the reach of everybody and which will greatly repay you in the end. To make your land more valuable make it good to look at, and we know of nothing that will assist you in this particular regard as will one of our Modern Plans. Write and get our terms.

There is Money and Pleasure on this Page—Read It!

Our Landscape Department Has a Great Deal of Valuable Information for You

It's Free

**TO EVERYBODY WANTING FACTS ABOUT
HOW TO BEAUTIFY THE HOME GROUNDS**

Read Galloway Bros. Bowman Co's. Free Landscape Offer

Let us tell you how to beautify your grounds. We have organized this department of our nursery in order to give to our customers, free of charge, complete information how to arrange their grounds artistically, what to plant and where to plant it to get the best results.

More attention is being paid, every year, to the proper beautifying of the grounds surrounding the home, and people are becoming keenly alive to the fact that as much thought and attention should be paid to the grounds as to the house itself.

A good picture can be spoiled by a bad frame, and on the other hand, a bad picture can be wonderfully improved by a tasty frame. In the same way a home, inartistic in itself, may be made a thing of beauty, with a little extra attention in the beautifying of the surrounding grounds.

Landscape Gardening, under our plan, is not a luxury, but a paying proposition in the increased valuation of your home. It is not a piece of work that will take a great deal of trouble in looking after, as it is a proven fact that a lawn takes more attention, than the same number of square feet of hardy plantings.

Read below what one of our satisfied customers says about our Landscape advice. We will be glad to do the same for you. **This is our proposition:** You will find a loose leaf in this catalogue with instructions, on which you can draw up a rough sketch of your grounds. On the other side, you will find

a set of questions which it will be necessary for you to answer in order for us to draw up a Landscape Plan correctly. Remit \$1.00 with the Plan, for which we will at once send you a coupon, good for \$1.00 on your first order of trees and shrubs for \$5.00 or over. We do this in order to protect ourselves against people who have no intention of using these plans and it is not a scheme by which we are getting paid for these plans, as many of them cost us more than \$1.00 in having our Landscape Gardeners draw them up.

It is a settled fact that the Landscape men can create more beauty with an expenditure of \$5.00 than a man untrained in this line can with \$50.00. If you value the outside appearance of your home, these plans would be worth \$50.00 to you, as they would show you the best and most reasonable way of improving your grounds, which you could carry out at any time you see fit.

Hamilton, Mo., Oct. 17, 1912.

Galloway Bros. Bowman Co., Waterloo,
Iowa.

Gentlemen: The greater part of our shrubbery has been doing fine and has been a constant delight to us all summer.

I only lost three of the 100 Baby Rambler Roses you sent me, and you sent enough extra to make that up. Everybody admires our grounds very much, and we may sell our house this winter. If we do you will have another call from us to lay out our home grounds again.

Mrs. Will F. Hooker.

Don't wait until the eleventh hour to send your order in



Galloway Bros.-Bowman Co. Waterloo, Iowa, U.S.A.



We Design and Plant Large Public and Private Grounds

Grounds of all kinds planned at a very nominal cost. Nearly every community has a small cemetery, run down as a rule and in a general state of disrepair. We are prepared to furnish plants for the renovation of these or the laying out of new cemeteries. Our experts are at your service to help you plan your public park, school or church grounds, private estates, or in fact anything that may come up in this line of work. We will be pleased to hear from you and will be glad to advise you by mail as to the best way to start work of this kind.



**The Usual Home
The Way People Generally Plant**

**Did you ever pass
up a good thing?
Don't do it now!**

**Pictures speak
louder than words.
These two pictures
tell the story.**

This shows a reproduction from an actual photograph. These grounds were laid out by our own landscape gardener.

Let us show you free of charge how to create effects just as good as this. Read over the loose leaf in this catalogue and send us a sketch of your grounds.



**The Unusual Home
The Right Way to Plant**



The Wrong Way to Landscape

Imitating Nature

To beautify grounds is to imitate nature.

Nature produces some of the most beautiful scenes.

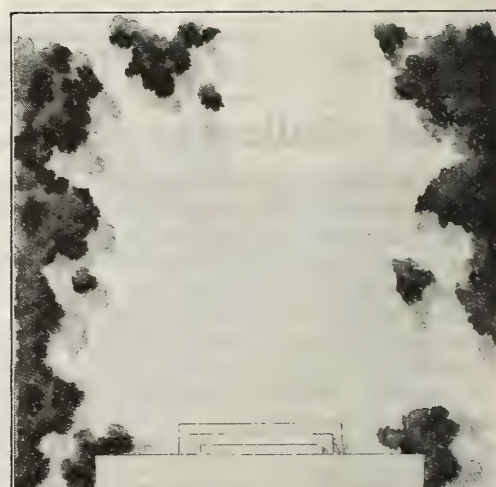
The first rule to follow is plant in masses or clusters and not single plants or in rows.

Another simple rule is plant the edges and leave the centers open.

Third—Do not plant in straight lines.

IT IS BETTER TO BE SAFE THAN SORRY.

Let our Landscape Department draw up a free plan for you, and then work to that plan.



The Right Way to Landscape

Extract from Farmer's Bulletin No. 185

BEAUTIFYING THE HOME GROUNDS

U. S. Department of Agriculture

In a new country such as ours the adornment of grounds has naturally received too little attention. The people have been necessarily concerned with acquiring lands and buildings, but a stage of development has now been reached when Americans should give more attention to the embellishment of their home grounds. The first essential in the adornment of a home area is the formation of a suitable plan. In making this plan the principal things to be considered are the size of the area, the amount which the owner feels able to expend for the purpose, the climatic conditions, the soil, the exposure, the peculiarities of the site, and the style of treatment, whether formal or informal.

This map should locate all existing structures. Indicate the direction in which the most pleasing outlooks are to be had. The aim should be to hide by means of trees and shrubbery all objectionable buildings or portions of the place, and also to shut from view all unsightly objects maintained by neighbors. To locate the trees and shrubs so as to allow an uninterrupted line of vision where the outlook is pleasing and to so locate the plantings as to afford the greatest protection from winds and undesirable surroundings consistent with good landscape effect.



Pure Genuine and Unadulterated Seeds that Grow



The Improved German Soil Inoculator, Nobbe-Hiltner Process

NITRAGIN

TRADE MARK REG'D. DEC. 6, 1898. NO. 32,212

Restores and Maintains Soil Fertility

A PERSONAL NOTE FROM WILLIAM GALLOWAY: Last season I engaged a dairyman for my farm near Waterloo, Iowa. This man came from a dairy farm near Milwaukee, Wis. I had tried hard to raise alfalfa on my farm. When I told the new dairyman about my experiences and that I wanted to try again for alfalfa he asked me why I didn't inoculate my seed with "Nitragin," which was made in Milwaukee. He told me that a former employer of his, Dr. G. A. Klelzsch, had tried for three years to get a stand of alfalfa, but had always failed until he inoculated his alfalfa seeds with "Nitragin." The "Nitragin" bacteria proved to be the one thing needed and success came immediately.

At once I started an investigation. I found that "Nitragin" had been in successful use for sixteen years in Europe and nearly four years in America; that the principle of artificial inoculation was endorsed, recommended and encouraged by the highest agricultural authorities, including the United States and German Governments, Experiment Stations, Soil Experts and the Editors of the leading farm papers everywhere. I also found that thousands of farmers had used "Nitragin" successfully and I read a great many letters from them thoroughly endorsing it.

Then I ordered and used "Nitragin" for my alfalfa seed. I got quick results. Three splendid cuttings were taken from the field the first season, making this tract of very poor land bring me in \$60.00 per acre. I expect to follow with corn, as the alfalfa will restore this tract to its old-time fertility. I shall start clover next year and will inoculate the seed with "Nitragin." In fact, "Nitragin"-inoculated Legumes are going to increase the producing and the real estate values of my farm.

Having fully satisfied myself of the great merits of "Nitragin" as the key to successful farming, and knowing that farmers everywhere would be glad to take advantage of it, if they knew about it, negotiations were opened with the German-American "Nitragin" Company, of Milwaukee Wis., for the exclusive sale and distribution of their products throughout the United States and Canada. As a result we now have closed such a contract and hereafter "Nitragin" will be sold by the Galloway Bros. Bowman Company exclusively, in the United States and Canada.

Very truly yours,

Wm Galloway

Read These Pages—It Means Money for You

WHAT IS "NITRAGIN?"

"Nitragin" is the Registered Trade Name for Legume Bacteria put up in twenty-five varieties by the German-American "Nitragin" Company, from the famous formula invented by Dr. Lorenz Hiltner, Dean of the Royal German Agricultural Botanical Institute, Munich, Germany. "Nitragin" is known and has been in use for many years, in all the agricultural countries of the world. **AND IN ALL THE WORLD IT IS THE ONLY PRODUCT OF ITS KIND THAT IS POSITIVELY GUARANTEED.**

WHAT IS IT FOR?

"Nitragin" is used for inoculating the seeds of alfalfa, clover, soy beans, cow peas, vetch, field and garden peas and beans, velvet beans, lupins, sainfoin, serradella, and all the other legumes. It is the easy, safe, sure and cheap way of inoculating legume seeds, legume roots and legume fields. **It's Guaranteed**

WHAT WILL IT DO?

"Nitragin" bacteria will add millions upon millions of bacteria in the well known "nodules," or little wart-like bunches, on the roots of your alfalfa, clover, or other legumes. Each of these "nodules" is a nitrogen factor.

Inoculated, nodule-covered legumes have the power to use the free nitrogen of the air, which they store in their cells as protein.

A "Nitragin"-inoculated legume crop will put 150 to 200 pounds of nitrogen into each acre—worth \$22.50 to \$30.00 per acre.

The wise farmer who grows alfalfa, clover, peas, beans, and other legumes, does not have to buy expensive nitrogen fertilizer—his inoculated legumes bring him all the nitrogen he needs, from the inexhaustible supply in the air above his farm. "Nitragin" starts the farmer's legume fields to gathering nitrogen for his soil, and protein in his forage crops. **AND IT'S GUARANTEED.**

HOW DOES IT DO IT?

"Nitragin" is simply laboratory-grown bacteria—or germs—packed in a suitable food to keep them alive until they reach the farmer's soil. There is nothing more mysterious about it than there is about making yeast cakes (yeast is bacteria put up in food to keep it alive). Breeding fine strains of bacteria is like breeding fine cattle, hogs, or sheep, and shipping them to market—only the bacteria are so small that there are 30,000 to 50,000 of them to the inch.

The bacteria live in the roots of the legumes and in no other farm plants.

"Nitragin" bacteria and legumes together take nitrogen from the air and make it into plant food, making the plants healthier, hardier, deeper-rooted, quicker of growth, and giving them greater food value by adding protein to the plants.

These bacteria, in co-operation with legumes, build up worn-out land and maintain soil fertility.

There is a different kind or strain of "Nitragin" for each different kind of legume, and each kind is Guaranteed.

HOW TO USE IT

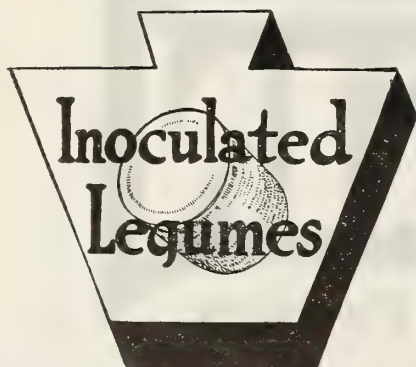
Simply moisten your seeds with the "Nitragin." Thousands of the bacteria cling to each seed. The seeds are spread out to dry and when dry enough to handle are planted in the usual manner, the bacteria going into the soil with the seeds. The method is simple and cheap—the logical, common-sense, way to inoculate legumes.

This "Nitragin" way is endorsed, recommended, and encouraged everywhere by the highest authorities.

"Nitragin" meets the great agricultural need of the hour—greater soil fertility.

Pure, Unadulterated Alfalfa, Clover and Other Legume Seeds Our Specialty

**The Keystone
of Successful Farming**



An Increase of Over \$80 Per Acre

Inoculated Alfalfa from One Acre . . .	\$100.80
Timothy from One Acre	14.70
Gain per acre from growing Inoculated Alfalfa	\$86.10

Read This—READ ALL OF IT—Then Read The Following Pages—THINK—Then ACT

A QUESTION: How Can I Make My Farm Earn \$50 to \$70 Per Acre?

THE ANSWER: Grow Alfalfa—Inoculated with "Nitragin."

THE PROOF: Hon. A. P. Grout, of Winchester, Illinois, President of the Illinois Alfalfa Growers Association, is reported in the Weekly Press Bulletin of the Illinois Farmer's Institute, September 12, 1912, as making the following statements:

"After twenty years' experience in growing Alfalfa I have come to the conclusion that the average yield per annum in central Illinois should be not less than five tons per acre.

"Last year I harvested more than five tons per acre from a 25-acre field.

"The value of Alfalfa as a food, in comparison with other farm crops, is not determined by the quantity.

"Take the feeding value of Alfalfa and Timothy hay, based on the amount of digestible nutrients contained in each and we have \$20.16 as the value of one ton of Alfalfa hay and \$9.80 as the value of one ton of Timothy.

"Again if we compare the yield per acre, the account stands as follows:

Alfalfa, 5 tons per acre at \$20.16 per ton. . . .	\$100.80
Timothy, 1 1/2 tons per acre, at \$9.80 per ton. . .	14.70

Difference in favor of Alfalfa, per acre. . . \$ 86.10

"In other words the Timothy grower uses about 15 acres of land to secure the same food value which the Alfalfa grower can secure from one acre."

ALFALFA IS ONE OF NATURE'S CHOICEST GIFTS TO MAN!

But Alfalfa must be inoculated. The extraordinary food value in Alfalfa is in its high percentage of protein—or nitrogen—which, under normal conditions, is procured from the air by the bacteria.

Farmer's Bulletin No. 278, U. S. Dept. of Agriculture says nitrogen can be taken from the air and added to the soil by means of legumes, but this takes place only when the roots of the leguminous plants bear bacterial nodules or tubercles.

Bulletin No. 148, Ontario (Canada), Dept. of Agriculture says, "The peculiar ability of leguminous plants to assimilate the nitrogen of the air is what makes them so valuable to the farmer. The legumes are able to achieve this result by the aid of the bacteria which are associated with them in the nodules or tubercles on their roots."

Farmer's Bulletin No. 315, U. S. Dept. of Agriculture says, "The old method of importing the bacteria by distributing soil from fields containing them is not only expensive, but there is very great danger of spreading weeds and destructive crop diseases as well as the desirable bacteria. Under modern conditions, therefore, it is wisest to depend chiefly upon the pure cultures of bacteria for inoculating leguminous crops." (NITRAGIN is what is known as a "pure culture" and it is the only inoculating material of the kind in the world that is absolutely guaranteed.)

Bulletin No. 226, New Jersey Agricultural Experiment Station says, The culture of "Nitragin" employed for inoculation was very satisfactory for the purpose for which it was intended. Alfalfa yield increase due to "Nitragin" was 500 per cent.

Letter from Wm. G. Steer, Tacoma, Ohio, May 17, 1910: "Enclosed find order for five acres Alfalfa "Nitragin." That which I inoculated last year is now the best piece I ever saw. Think it will cut two tons per acre the first cutting. I have been experimenting with Alfalfa for 13 years in Ohio and with little success until now."

Thus we answer the question. We say Grow Alfalfa—Inoculated with "Nitragin" to make your farm earn \$50 to \$70 per acre. To prove that we are right we quote from Mr. Grout, one of the most thoroughly experienced Alfalfa growers in the country. To explain why we advise Inoculated legumes we quote from Government and State Bulletins, showing what has been discovered about the work of the bacteria and the need for inoculation. Then we show by a Government Bulletin that the old-fashioned way of inoculating is both expensive and dangerous and advising the use of "pure cultures." Going further we quote from Dr. Lipman in Bulletin 226 of the New Jersey Experiment Station, who has tried our "Pure Culture," "Nitragin," and who says he noted an increase by its use of 500 per cent—or five times the growth of the uninoculated seed. Again we quote from one of our regular customers who used "Nitragin" on his farm, in regular farm practice, to prove its value to the real farmer—and on another page we quote from other "Nitragin" users—all farmers—and on request we'll send you a bookful of still further testimony, from other users of "Nitragin."

Can you doubt the evidence? Are you not convinced of the great value to you of "Nitragin" inoculation for all your legume seeds? Get pure legume seeds, and "Nitragin," and our book of directions—and be a Money Maker.

DON'T GET A WRONG IMPRESSION

Many a farmer whose land produces fairly good crops, and who thinks his land is very fertile—it may be as black as his hat and well manured and all that—fancies he doesn't need "Nitragin." Such men get the idea that "Nitragin" is some new patent fertilizer—some chemical preparation to spread on his land.

But that's all a mistake. "Nitragin" is composed of bacteria, just as yeast is composed of bacteria. "Nitragin" bacteria are put on the seeds of legumes. When the seeds sprout the bacteria enter the rootlets. They take nitrogen from the air to improve the plants. Yeast bacteria are put in the bread fixin's. But instead of taking nitrogen from the air as the "Nitragin" bacteria do they release carbonic acid gas which puffs up the bread dough and makes the bread "light."

Whether your soil is "rich" or "poor," unless it is thoroughly inoculated with legume bacteria you can't grow legumes successfully. There is a separate kind of bacteria for Alfalfa, one for Clover, one for Soy Beans and one for each kind of legume. You should never think of planting legume seeds of any kind without inoculating them with "Nitragin" just before sowing. Send us a trial order for 10, 15 or 20 acres. You'll be glad we brought "Nitragin" to your attention.

"How to Grow Alfalfa, The Wonder Crop." Upon receipt of request we

will be glad to send you FREE printed matter relating to better farming which you'll find extremely interesting. And if you will enclose 10 CENTS, to cover cost of handling and mailing we will send you the valuable book "How to Grow Alfalfa." This book is the best practical book on alfalfa growing ever written. There is not a \$1.00 book on the market that equals it for the practical farmer.

Pure, Unadulterated Alfalfa, Clover and Other Legume Seeds Our Specialty



Pure Genuine and Unadulterated Seeds that Grow



"NITRAGIN"

Enriches the Soil
Improves the Crops
Increases the Value of the
Real Estate

To Succeed in Farming You Must Grow Thrifty
Legumes. To Grow Thrifty Legumes
You Must Inoculate Them



ALFALFA
Seeds
Inoculated
with
"NITRAGIN"



Not
Inocu-
lated

Which Do You Prefer?

If you knew in advance—before you planted your Alfalfa—that if you did not inoculate your Alfalfa seed just before planting it might fail entirely, or grow up spindling and short like the plant at the right in the picture—and that if you did inoculate, with "Nitragin" bacteria, your Alfalfa plants would grow up tall, thrifty, dark-green and rich in protein, like the plant at the left in the picture—would you neglect the use of "Nitragin"? Of course not, you'd use "Nitragin."

See what Dr. Lipman says in the quotation on page 102, from Bulletin No. 226, of the New Jersey Experiment Station. He says, "Alfalfa yield increase due to 'Nitragin' was 500 per cent." Could any stronger evidence be had of the value to any farmer of "Nitragin"? Think about this a minute—then send us your order.

Get our book "HOW TO GROW ALFALFA" Send us 10 cents for postage and handling. There is not a \$1.00 book on the market that equals it in practical information on the subject of growing this valuable crop.

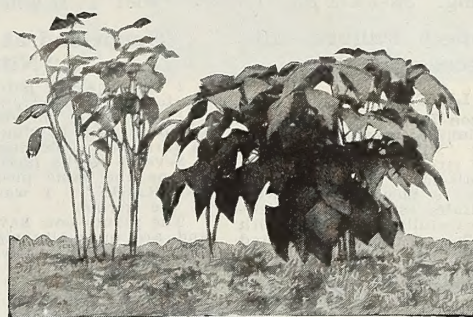


CLOVER
Seeds Inoculated
with "NITRAGIN" Not Inoculated

Red Clover

This picture was made from a photograph sent from the Ontario (Canada) Experiment Farms. It shows Red Clover—the seeds of the cluster on the left were inoculated with "Nitragin." That on the right was not inoculated. Study this picture a little and see if you can

ever afford to sow clover again without inoculating the seed with "Nitragin."



COW PEAS
Seeds Not Inoculated Seeds Inoculated with "NITRAGIN"

Cow Peas

Could anybody induce you to plan in advance for a crop of slender, pale, sickly, cowpeas, or Soy Beans, or other legume crop to look like the spindling plants at the left in this picture, when you knew that by simply moistening your seed with "Nitragin" you could

get a heavy, dark-green, sturdy growth like the plants at the right? You know it would be foolish for anyone to even suggest such a thing to you. "Nitragin" is so easy to apply and the results are so profitable that no farmer should allow himself to neglect using it on all his legume seeds.



Clover With Oats

This is taken from a photograph made in Germany. The plants shown are oats. The large bunch shown at the left was grown on a field with red clover as a nurse crop. The clover seed had been inoculated with "Nitragin." The action of the nitrogen-gathering bacteria in the "Nitragin" caused the oats to make a very heavy growth. The small bunch of oats grew on a part of the same field, but by itself—had no inoculated clover to boost its growth. Remember: "Nitragin" is composed of bacteria for inoculating legume crops only. Such crops as wheat, rye, oats, corn, potatoes, cotton, etc., are not legumes, and therefore are not affected directly by the bacteria. In the case of the oats, described above, it was benefited by growing up with the inoculated clover. But all crops are benefitted by the use of "Nitragin" when grown on land that has previously borne a legume crop that was inoculated with the "Nitragin." Does "Nitragin" pay? Can you doubt it? Why not try enough for ten or twenty acres?

"NITRAGIN"-Boosted Oats.
The bunch on left grown with "Nitragin"-inoculated clover. The small bunch held in the man's right hand, grown under ordinary conditions.

"Nitragin" is the only form in which "Pure Culture" legume-inoculating bacteria can be had with an ABSOLUTE GUARANTEE to do what is claimed for it

Pure, Unadulterated Alfalfa, Clover and Other Legume Seeds Our Specialty



Galloway Bros. - Bowman Co. Waterloo, Iowa, U.S.A.



"Nitragin" is Making Money for Farm Owners in Every Agricultural Country in the World

WHY NOT FOR YOU? WHY NOT TRY 10 OR 20 ACRES?

Read What Others Say About "Nitragin"

Of course you will understand that in this limited space we can quote from but a few of the great mass of letters from pleased users of "Nitragin". You should see more of these testimonials. We'll be glad to send you a bookful of them, if you wish. It's free for the asking. Just ask for "Positive Proof". It will be sent post paid by returned mail.

"Nitragin" Turned Failure into Success

FIRST LETTER

Previous to last season I had been unable to "catch" alfalfa on my land. However, I noticed your advertisement of "NITRAGIN" and resolved to make one last strenuous effort to grow that most valuable of all crops for dairy farmers. July 21 we sowed a piece of land with about 27 pounds of alfalfa seed to the acre—the seed having been carefully inoculated with your "NITRAGIN." Then I patiently awaited the result and tried to "look pleasant" while all my neighbors "knocked." It wasn't many days, however, before these same prophets were sitting on my fence (so to speak) and gazing in wonder at a sight they had rarely seen before, viz.: a perfect "catch" of alfalfa. Should it come out well in the spring I shall add another piece to it and you may rest assured there will be a number of converts to the efficacy of "NITRAGIN" in this locality.

Very truly yours,

R. A. McCONNELL.

Wampsville, Madison County, N. Y.
December 4, 1911.

SECOND LETTER

Enclosed find order for 5 acres alfalfa "NITRAGIN" and check to pay for same in full. I never had success in catching alfalfa until I used "NITRAGIN" culture last season. Inasmuch as my soil was sour, I first treated it with lime.

Have made reply to a large number of letters of inquiry due, I presume, to my letter to you setting forth my success in using "NITRAGIN" last year. I take pleasure in writing you that I am able to make a most encouraging reply to all inquiries as my field wintered perfectly and the outlook for heavy cuttings this season is far beyond my expectations.

With best wishes for your deserved success,
Very truly yours,

R. A. McCONNELL.

Wampsville, N. Y., March 16, 1912.

Red Clover

We inoculated red clover with "NITRAGIN" and planted same along with oats, about May 15, 1912. We never have had such clover. I honestly believe that "NITRAGIN" is the cheapest and best thing on the market.

We have not threshed yet, but I believe our oats are the best we ever raised, and it is due a great deal I believe to the surplus of nitrogen added by the "NITRAGIN" bacteria. We shall continue to use it for clover.

(Later.)

Since cutting the oats the clover has grown so fast that we have been obliged to pasture 22 head of Holsteins on the 16 acres in the afternoon to keep it from getting too large to go into the winter. It grows as fast as they can eat it. I call that remarkable for new seeding.

A. W. MUNSELL,
care Flint & Kent,
Attica, N. Y.

Attica, N. Y., Sept. 25, 1912.

Soy Beans

I planted soy beans treated with "NITRAGIN" about May 28th. They were planted along with corn and I never saw anything come up so quickly. I would not sow soy beans without "NITRAGIN." Much of the corn is 14 feet tall.

Yours truly,

G. H. GREEVES, Mgr.,
Whitney Point Stock Farm.

Whitney Point, N. Y., Sept. 2, 1912.

Surprised at Results with "Nitragin"

I had sown a patch of alfalfa last spring. It started up nicely, but soon it turned yellow. I examined the roots of the alfalfa and found the soil lacking inoculation, so I decided to turn the whole field under.

Several weeks later I started another seeding on the same piece of land applying your "NITRAGIN." I was surprised at the work of the germs.

The plants now have a rich deep green color and are unusually vigorous. Have had three cuttings and in a few weeks will be ready for the fourth crop.

Yours truly,

H. F. KOCH.

Wauwatosa, Wis.

Top Dressing Alfalfa with "Nitragin"

On April 6th I sowed the "NITRAGIN" on old alfalfa field, as I decided not to sow any new crop this spring.

Today I went out and measured the height of the alfalfa and found the "NITRAGIN" treated averaged 14 inches, while the untreated averaged 11 inches and do not look as thrifty as the treated plot. * * * I will certainly not sow any more untreated seed.

Yours truly,

PERRY E. STOUT.

Ceres, Cal., April 26, 1912.

Serradella - Peas - Clover - Alfalfa

Referring to your inquiry of Oct. 24th as to the success of my experiment in sowing serradella, I am glad to report that it was very

satisfactory. It was sowed in May on an acre of winter wheat when the wheat was about six inches above the ground. It was harrowed in by a smoothing harrow without injuring the wheat, which was cut green for feed for cows. Very hot, dry weather followed and the serradella was seriously affected by it, but later, with abundant rains, it started up vigorously and grew until late in September when it was about two feet high and was cut for hay. We thought it would make about a ton and a half per acre, but long abundant rains followed and not sun enough to cure for hay so late in the season. So it was fed to the cows as green forage. It was relished by the cows who yielded abundantly and as well as when fed on peas and oats, which had been their accustomed forage during the summer. We watched them with interest and frequently dug up plants and in every instance found the roots well covered with nodules like bunches of grapes. They must have left a large amount of nitrogen in the soil for the benefit of next year's crop.

I have also found "NITRAGIN" to be successful in growing large crops of peas, clover and alfalfa. The alfalfa, sowed early in August, covers the ground all over and is from one to two feet high at this time and will, I believe, protect the roots during the winter and if so yield heavy crop next season on ten acres or more.

The soil on my farms is a heavy clay loam. No fertilizer other than marl was used with the serradella. I have named one of my Guernsey heifers "Serradella" and hope she will turn out as well as my "NITRAGIN"-growing plants.

Very truly yours,

EDWARD R. ANDREWS,
Elm-Leigh Farm.

Putney, Vt., Oct. 29, 1912.

What "Nitragin" Does for Others It Will Do for You

Each legume has its particular strain of bacteria. When ordering specify the legume for which you wish to use "NITRAGIN."

A special "NITRAGIN" is prepared for each of the following legumes:

Alfalfa	Sweet Clover	Garden Beans	Summer Vetch
Mammoth Clover	White Clover	Lima Beans	Winter Vetch
Red Clover	Yellow Clover	Navy Beans	Blue Lupins
Crimson Clover	Field Peas (all kinds)	Velvet Beans	Yellow Lupins
Alsike Clover	Garden Peas	Soy Beans	Sainfoin
Berseem Clover	Field Beans (all kinds)	Horse Beans	Serradella
Bur Clover			

If you expect to plant any of the above crops you need "NITRAGIN" to get a "Catch," to increase the yield and to enrich your land.

Price Before Filling Order Read This Carefully
THE PRICE OF "NITRAGIN" IS \$2.00 PER ACRE,
F. O. B. WATERLOO, IOWA.

If you prefer to have us prepay transportation charges, on quantities under 12 acres, add 10 cents per acre to the amount of your order for postage and handling.

Do Not Tear Out This Order Blank

When ordering, copy this form on a piece of paper, simply filling in the kind and quantity of "NITRAGIN" wanted.

ORDER BLANK

Galloway Brothers-Bowman Co.,
Waterloo, Iowa.

Date.....

Gentlemen:

Enclosed find exchange for \$.....for which please send me

"NITRAGIN" for acres of (Name of crop)

"NITRAGIN" for acres of (Name of crop)

"NITRAGIN" for acres of (Name of crop)

Name

Town State P. O. Box or R. F. D. No.....

Nearest Express Office.....

On what R. R.....

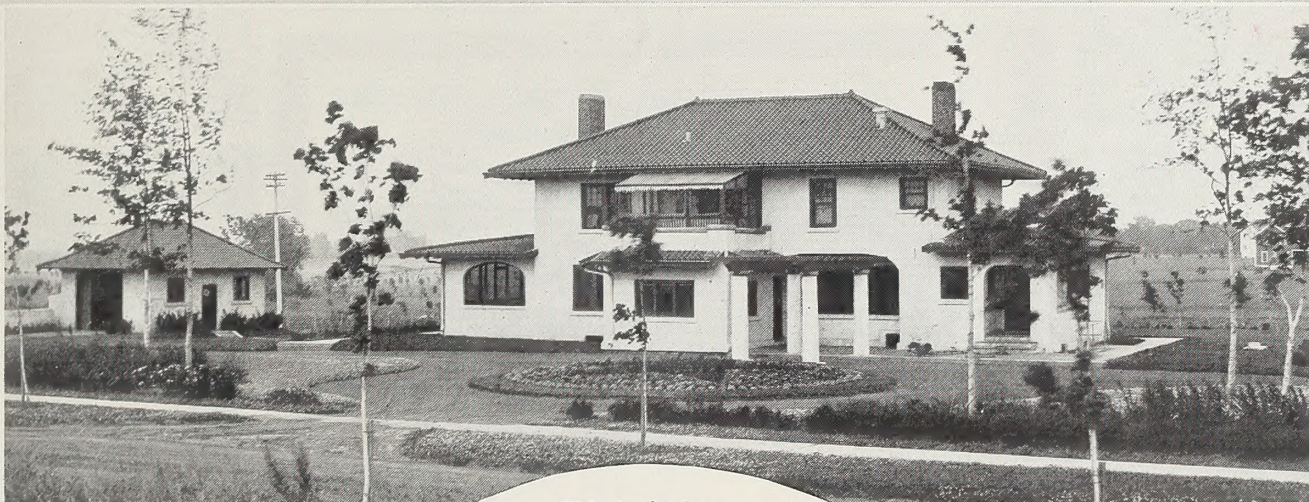
Pure, Unadulterated Alfalfa, Clover and Other Legume Seeds, Our Specialty



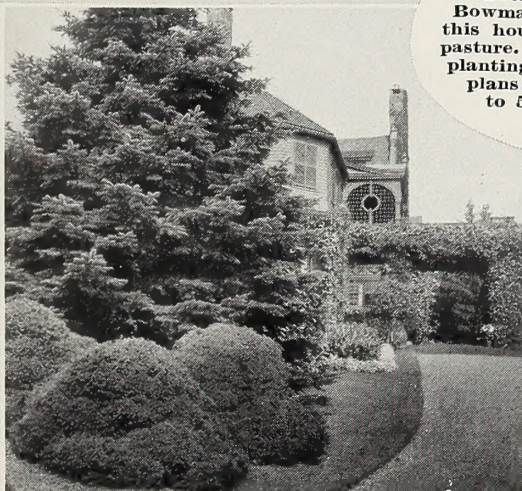
This is an illustration of how your grounds can be made to look by planting shrubbery of the right kind on the right kind of a plan. Read carefully what we can do for you in the landscape department.



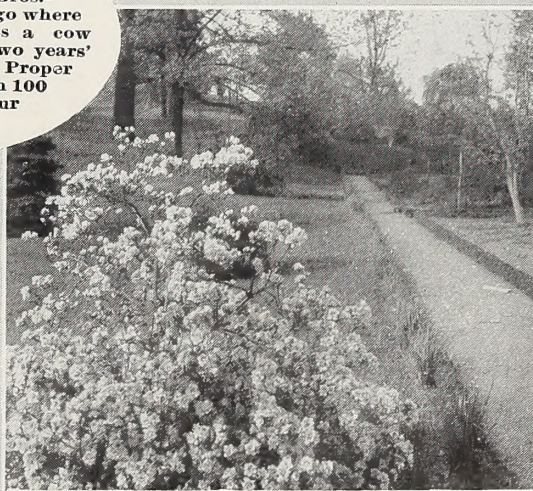
Clump of Azaleas and hard maple trees. Do your grounds look barren and unhomelike? If they do, let us help you beautify your grounds. Our landscape department can help you. Read our plan on page 99.



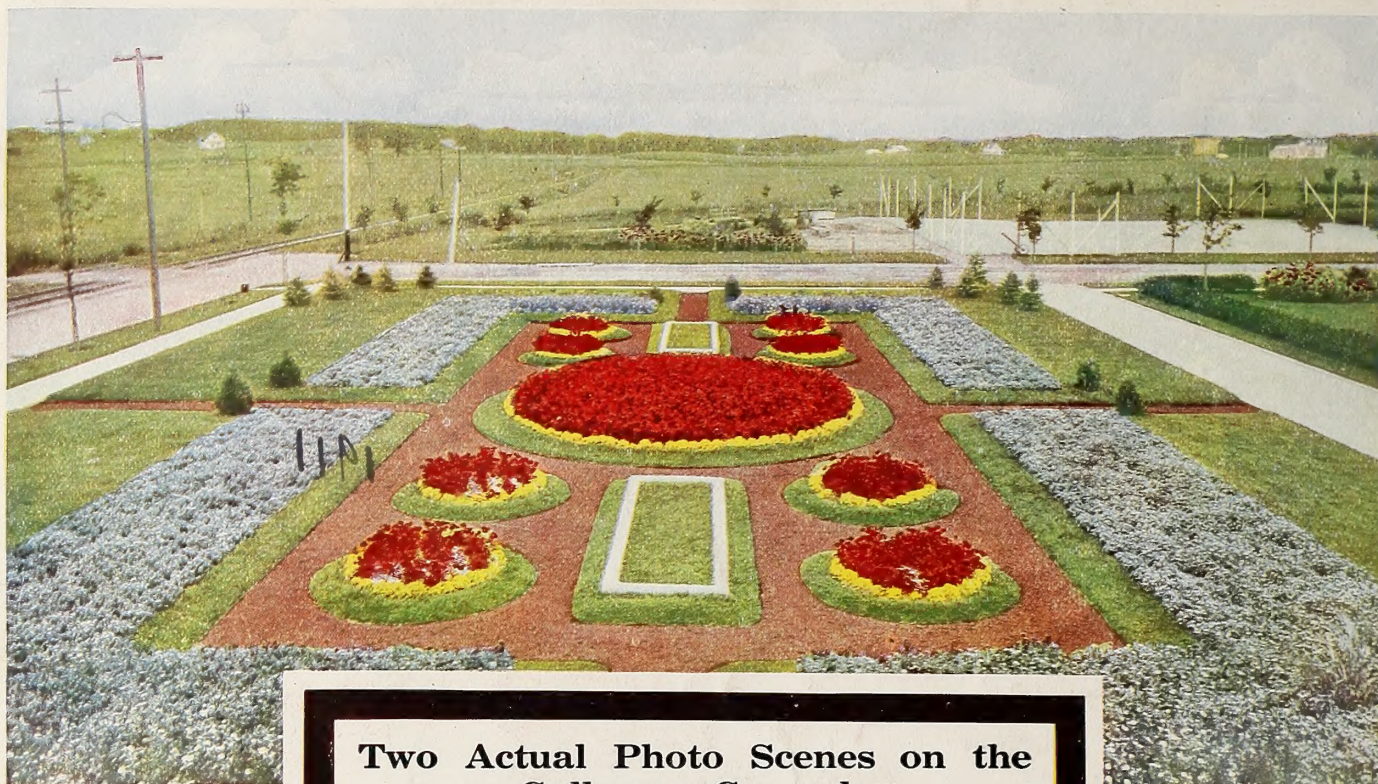
This is the home of James W. Galloway, Vice President of the Galloway Bros.-Bowman Co. Only three years ago where this house now stands there was a cow pasture. Look at the effect of two years' planting on the proper plans. Proper plans and planting will add from 100 to 500% to the value of your property.



Sample of a hardy planting. Notice the combination of the drive, the grass and the evergreens. Imagine what this place would look like without planting of any kind. This picture tells the story of how we can help you fix up your grounds. Our plans and shrubbery will do the work.



There is nothing prettier than a crushed rock or gravel path with the right kind of a border. With the proper selection of shrubbery you can have bloom from early spring until the last frost in the fall. Notice our prices and our plans for making your grounds beautiful. Why not make your home grounds more beautiful which will make your life more pleasant?



Two Actual Photo Scenes on the Galloway Grounds

The above picture is a back yard transformed into an exquisite Formal Garden, the result of good seed and our Landscape Department. Three years ago this plot was a weedy sand patch, but now the playgrounds for hundreds of Galloway employees.

The picture below is a part of our seed trial grounds, showing Wm. Galloway's famous dairy barn in the background. Only a few years ago before Mr. Galloway purchased this property it was a run-out farm; but now, with alfalfa, mangles, and good seed of all kinds it has become a highly paying investment.

It always pays to buy good seed

